

Note:

Please replace the corresponding “placeholder” pictures in the main body of the document with the graphics pages contained in this file.



Figure 1 : Locally-Defined Proposed Project Sites



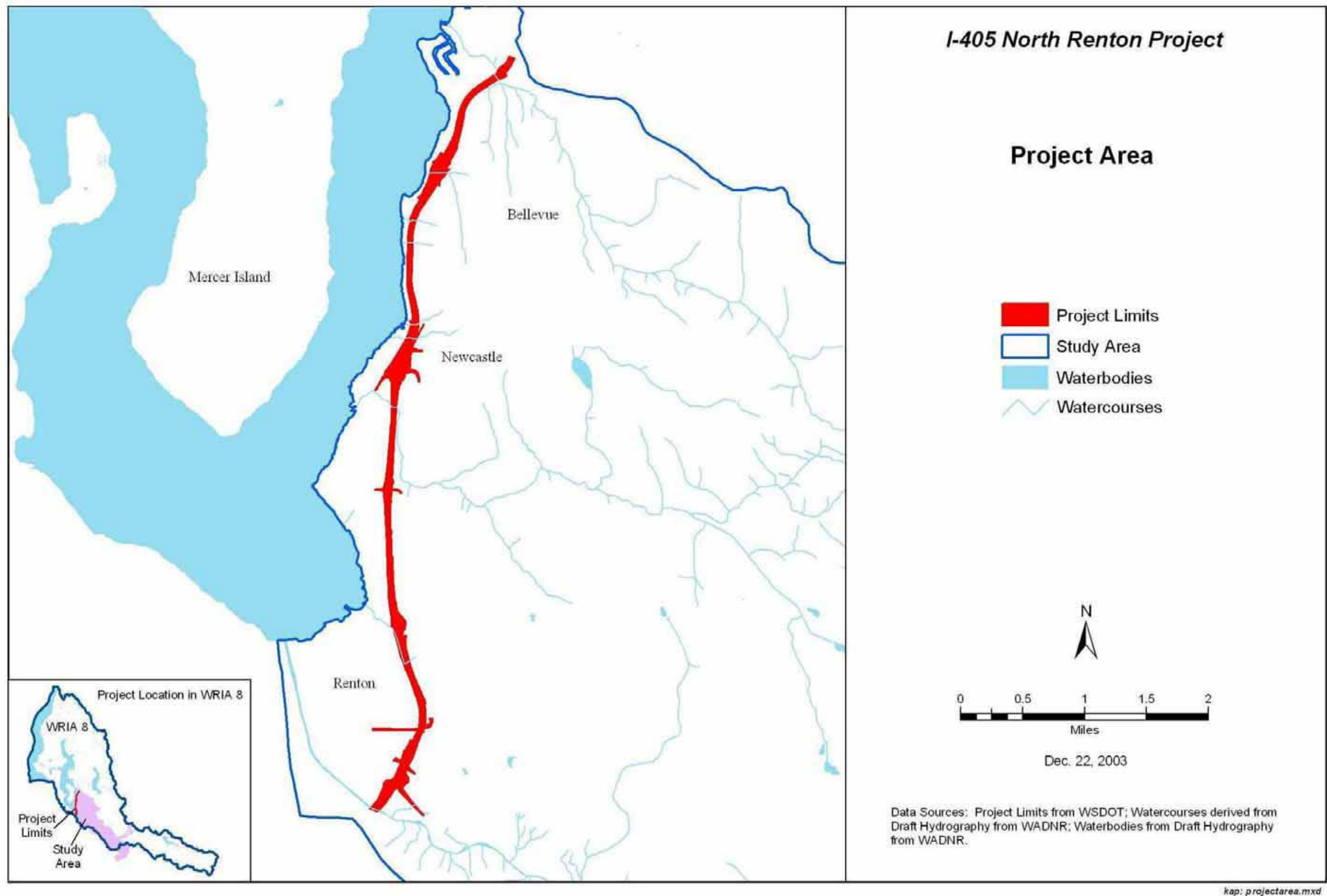


Figure 2: Project Area for the I-405 North Renton Project

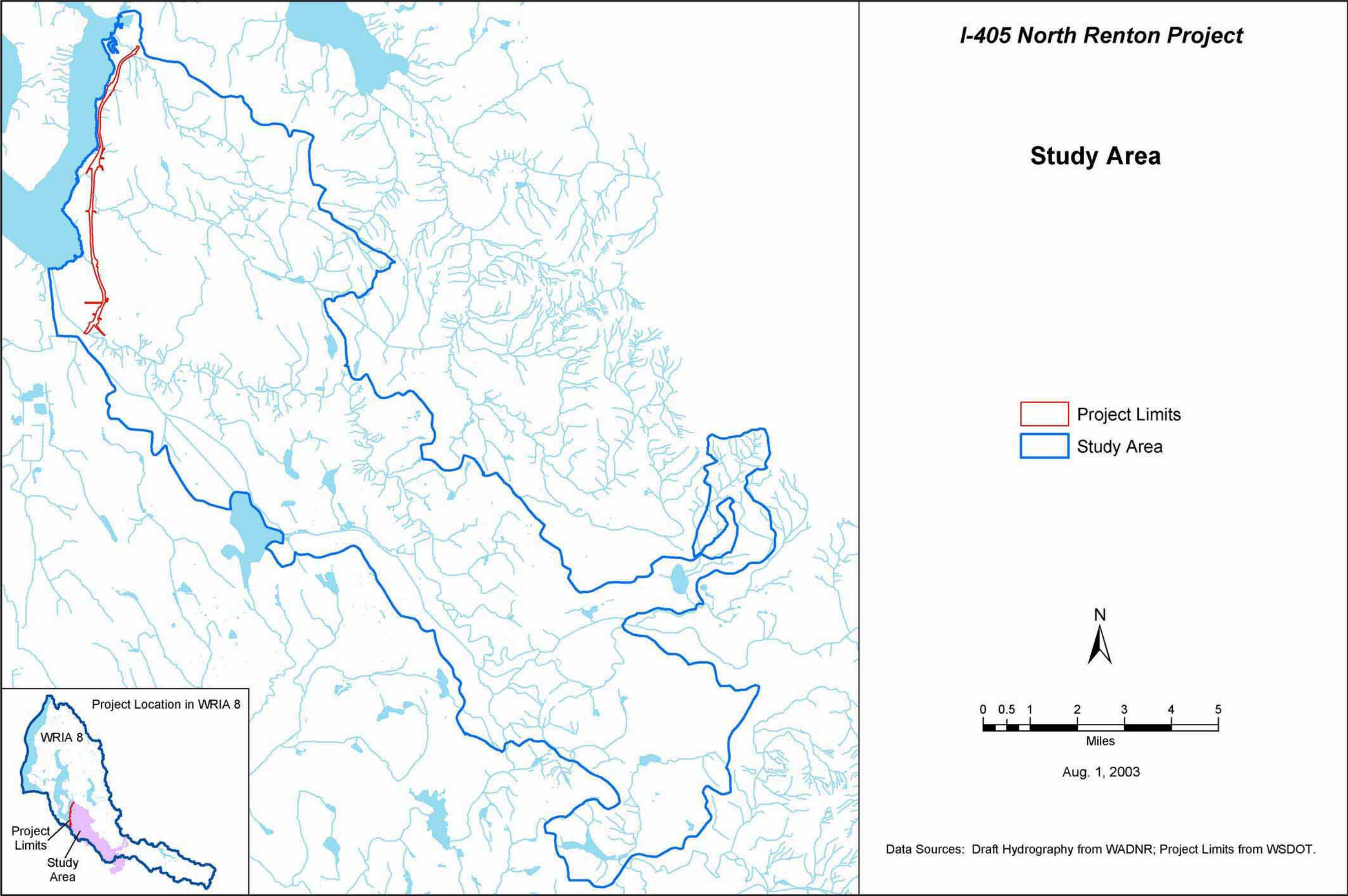
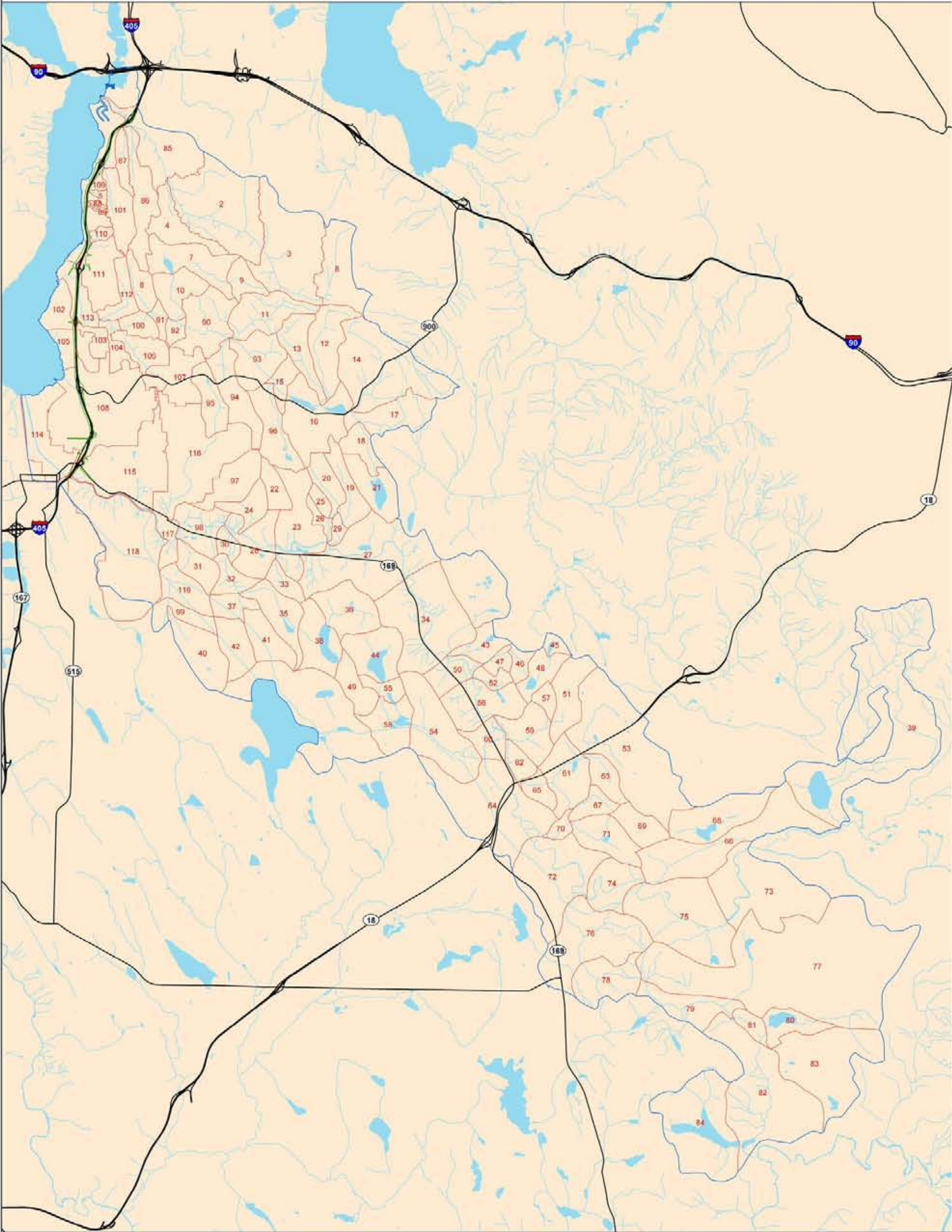


Figure 3 : Study Area for the I-405 North Renton Project



# I-405 North Renton Project Final DAUs



Environmental Affairs Office  
Washington State Dept. of Transportation  
Olympia, WA

Data Sources:  
State Routes from WSDOT at a scale of 1:24K;  
Draft Hydrography from WADNR; Project Limits  
from WSDOT.

Lambert Conformal Conic Projection;  
Washington State Plane  
North American Datum 1983

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- State Routes
- Watercourses
- Final DAUs
- Project Limits
- Study Area
- Waterbodies

0 0.5 1 1.5 2 2.5 3 3.5  
Miles

Aug. 29, 2003

Washington State  
Department of Transportation

Figure 4 : Drainage Analysis Units for the I-405 North Renton Project



I-405 North Renton Project Area  
Stormwater Mitigation Areas

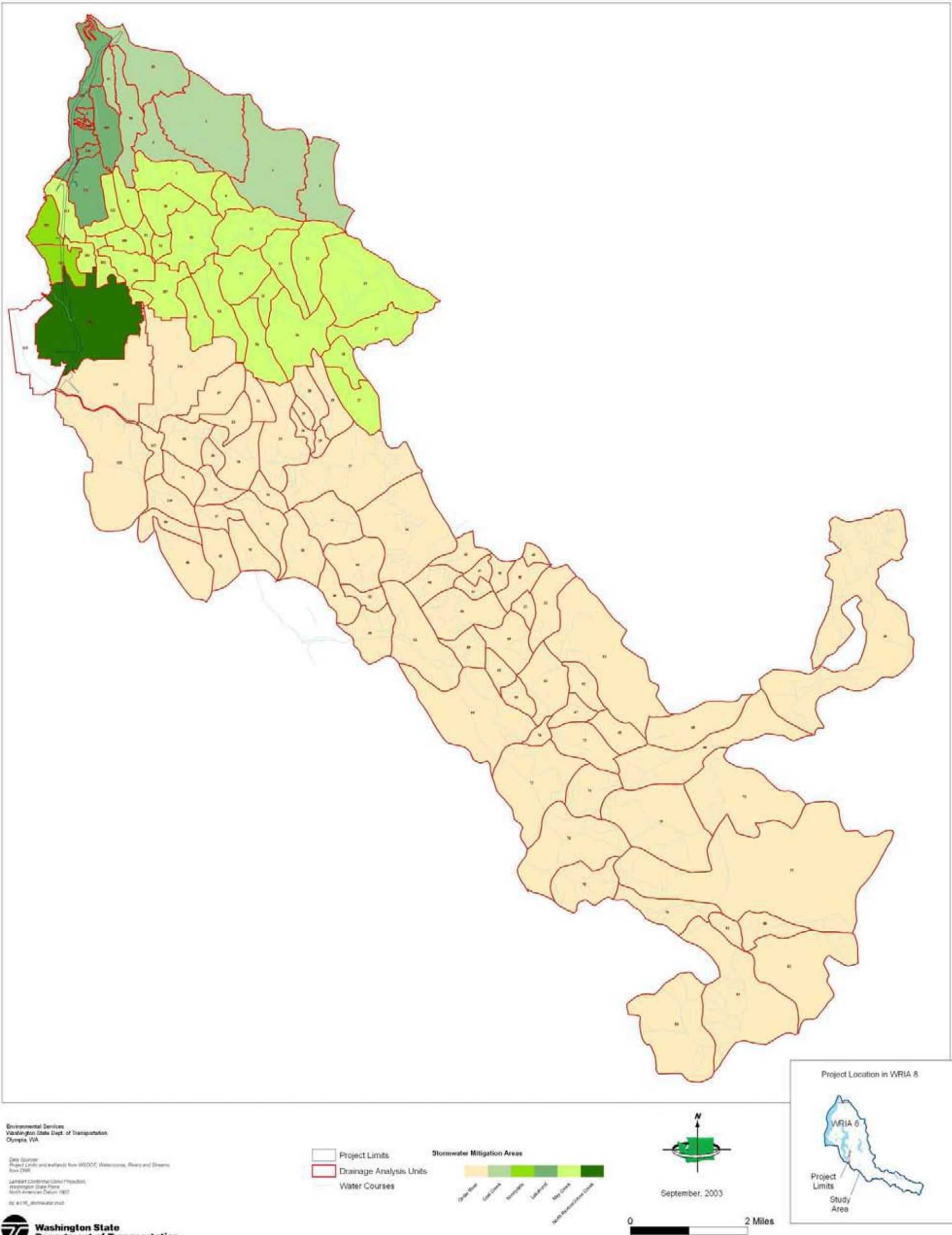


Figure 5 : Six M itigation A reas for the I-405 North Renton Project

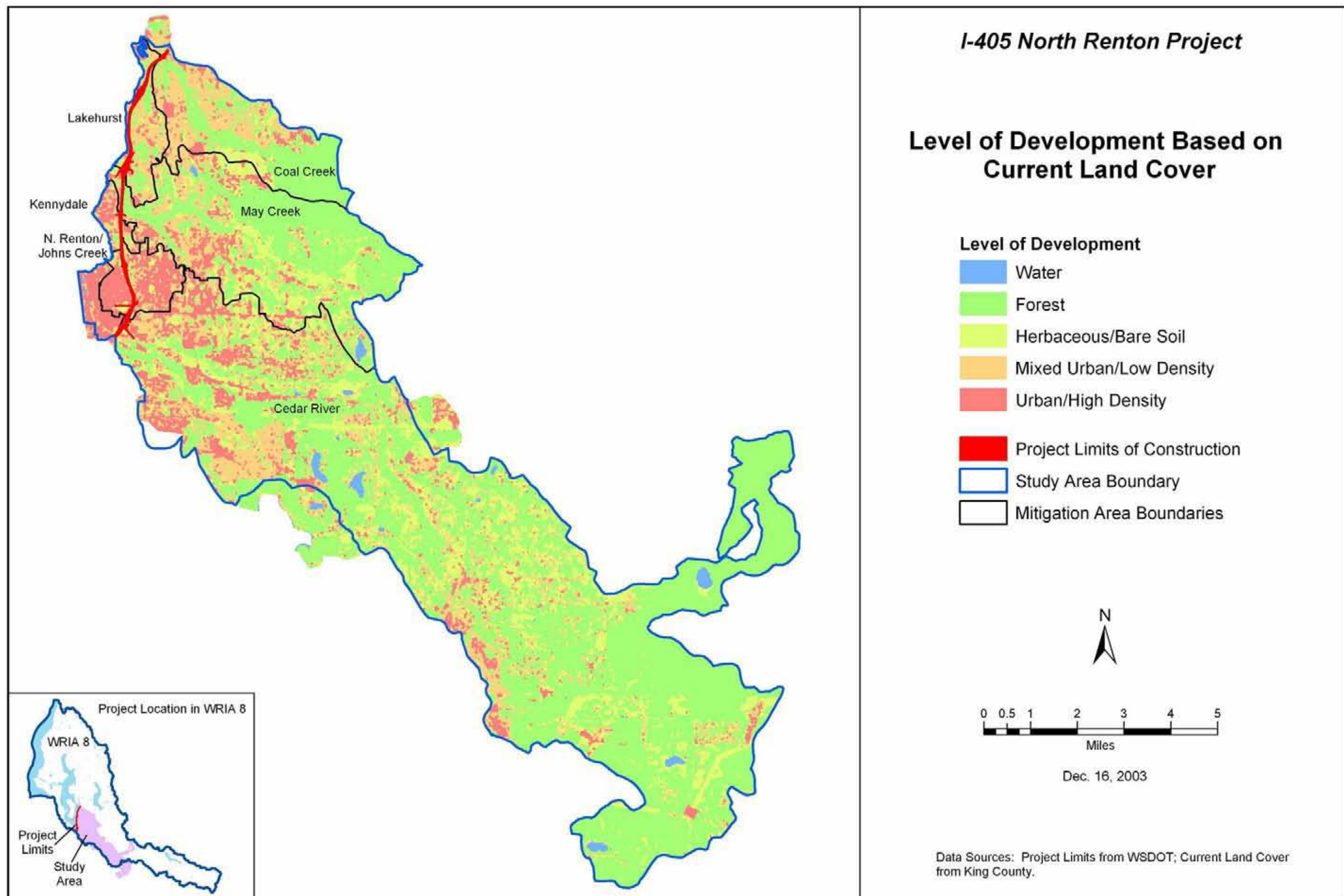


Figure 6 : Level of Development Based on Current Land Cover



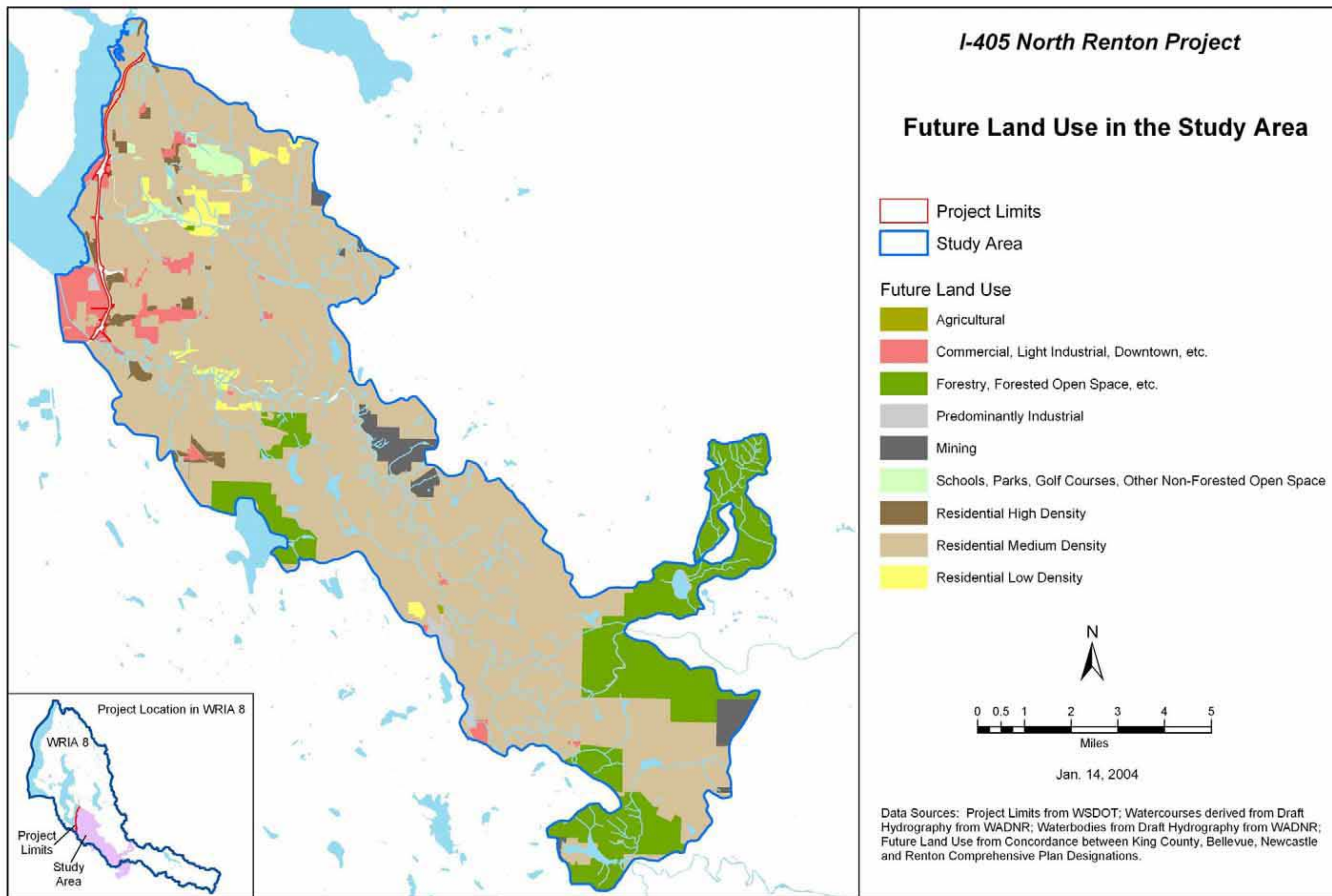


Figure 7: Projected Future Land Use



# I-405 North Renton Project Surface Geology

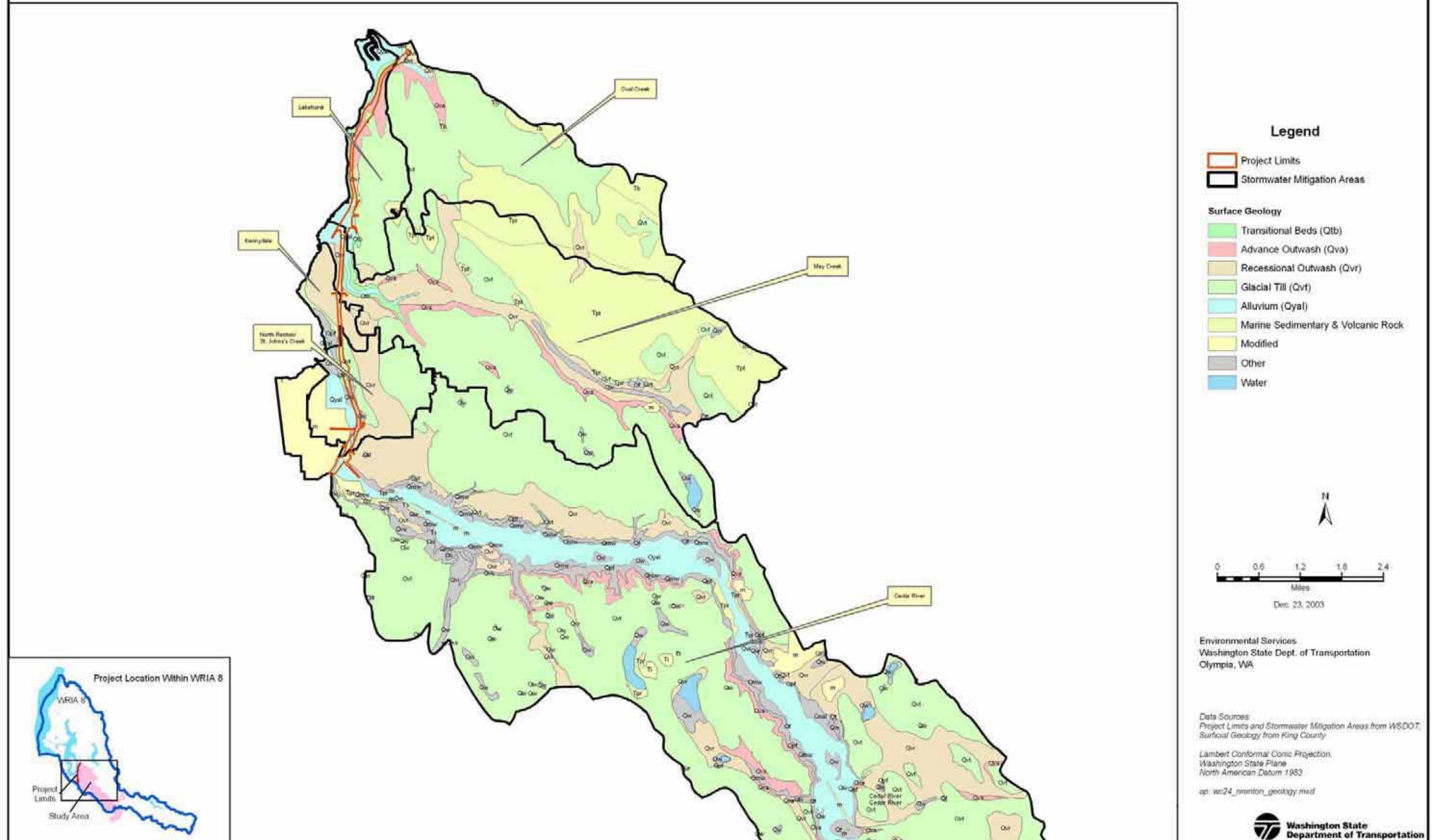
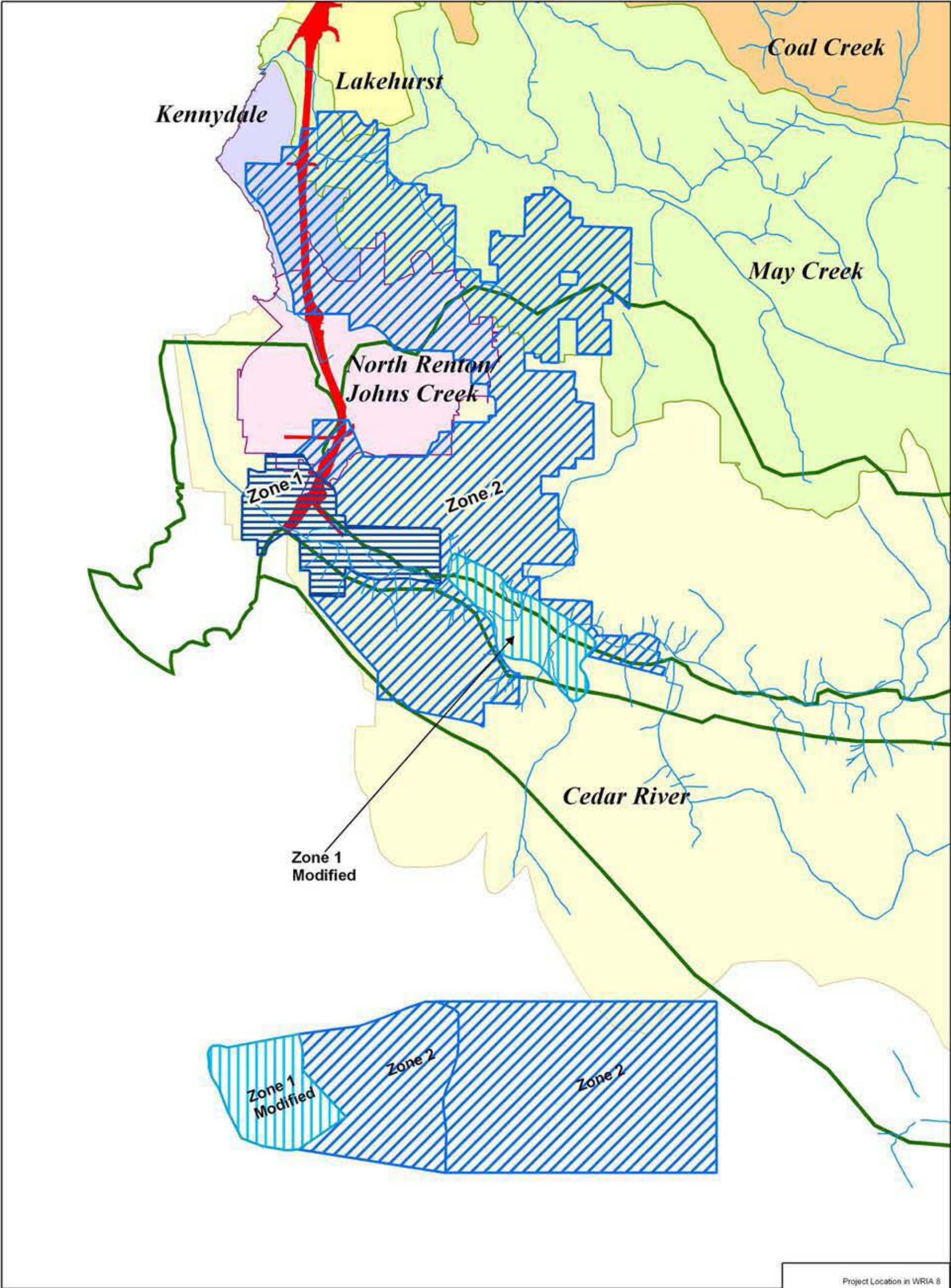


Figure 8 : Surficial Geology Within the Study Area



I-405 North Renton Project Area  
Groundwater Aquifer Boundaries



Environmental Services  
Washington State Dept. of Transportation  
Olympia, WA  
Data Sources:  
Project Limits from WSDOT; Sole Source  
Aquifer from USEPA at scale of 1:110K;  
Aquifer Zones from city of Renton.  
Lambert Conformal Conic Projection,  
Washington State Plane  
North American Datum 1983  
tsj: wc5\_11x17.mxd

- Project Limits**  
Project DAUs
- Renton Aquifers**  
Zone 1  
Zone 1 Modified  
Zone 2
- Sole Source Aquifers**  
Rivers / Streams
- Stormwater Drainage Area**  
Cedar River  
Coal Creek  
Kennydale  
Lakehurst  
May Creek  
North Renton/Johns Creek

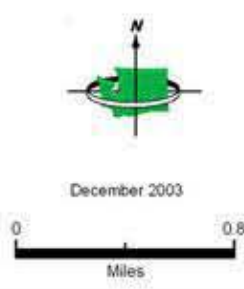


Figure 9: A quifer Protection Zones



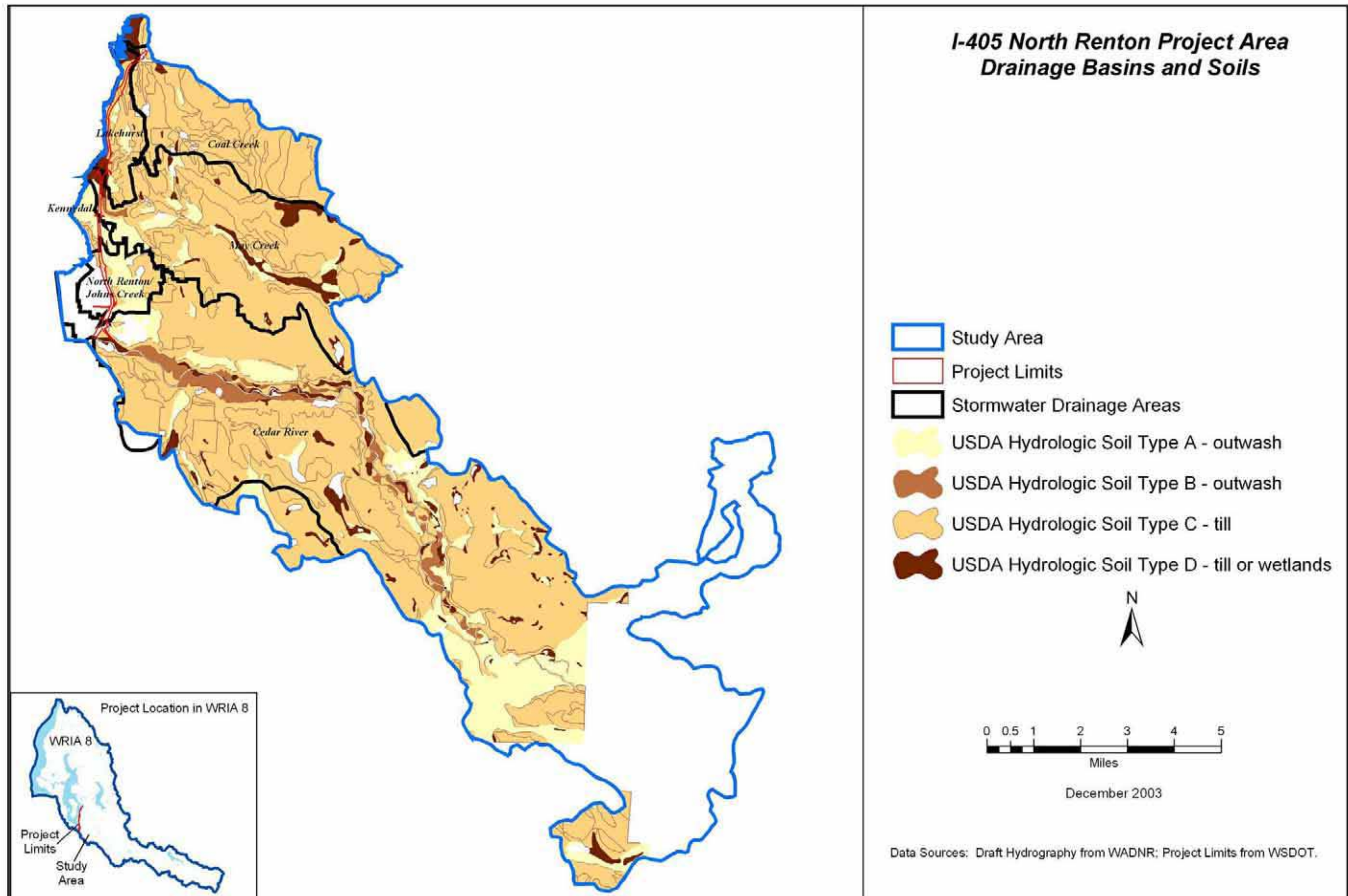


Figure 10: Drainage Basins and Soils

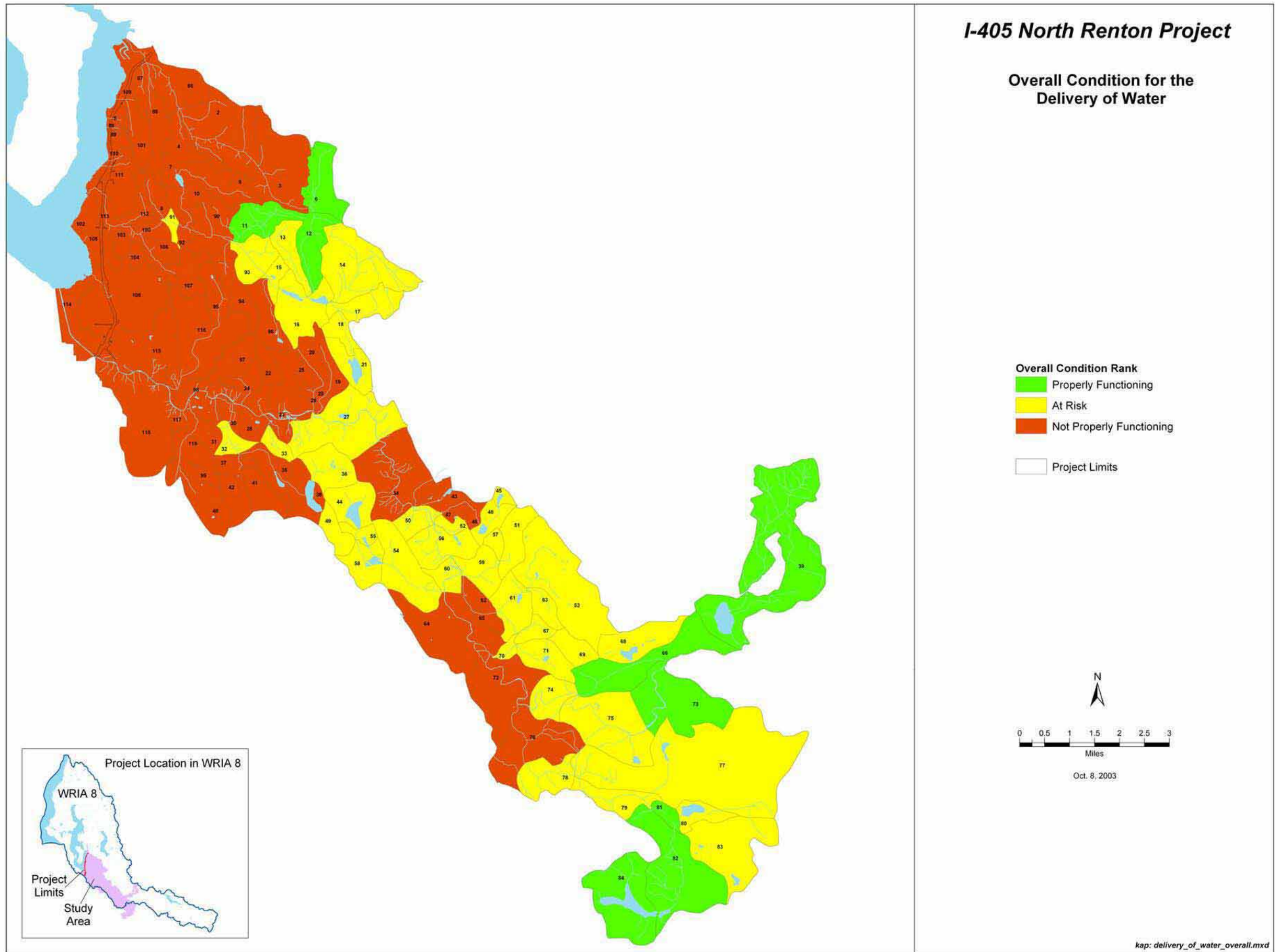


Figure 11: Delivery of Water Under Current Land Cover Conditions



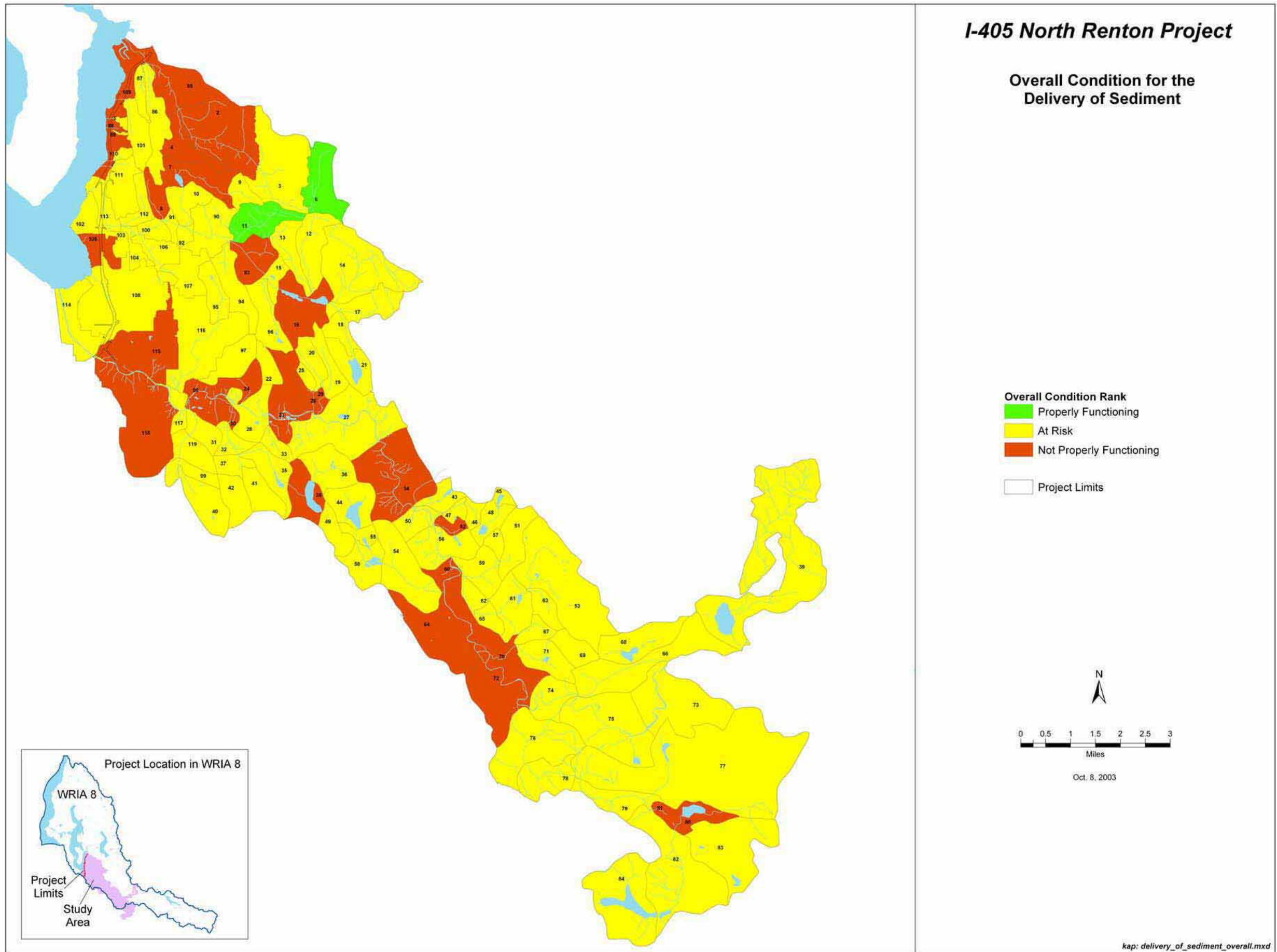


Figure 12: Delivery of Sediment Under Current Land Cover Conditions

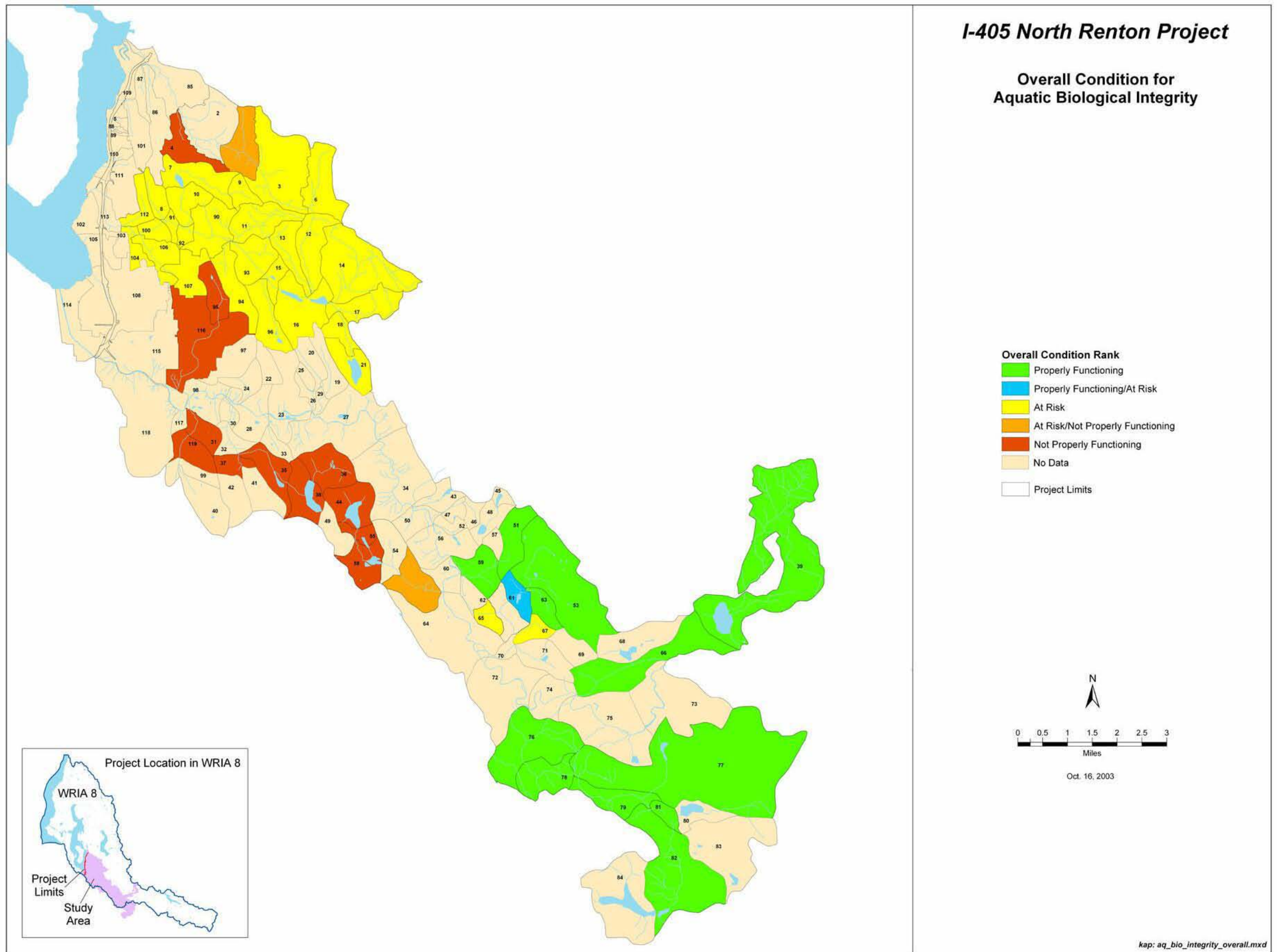


Figure 13 :A quatic Integrity Under Current Conditions



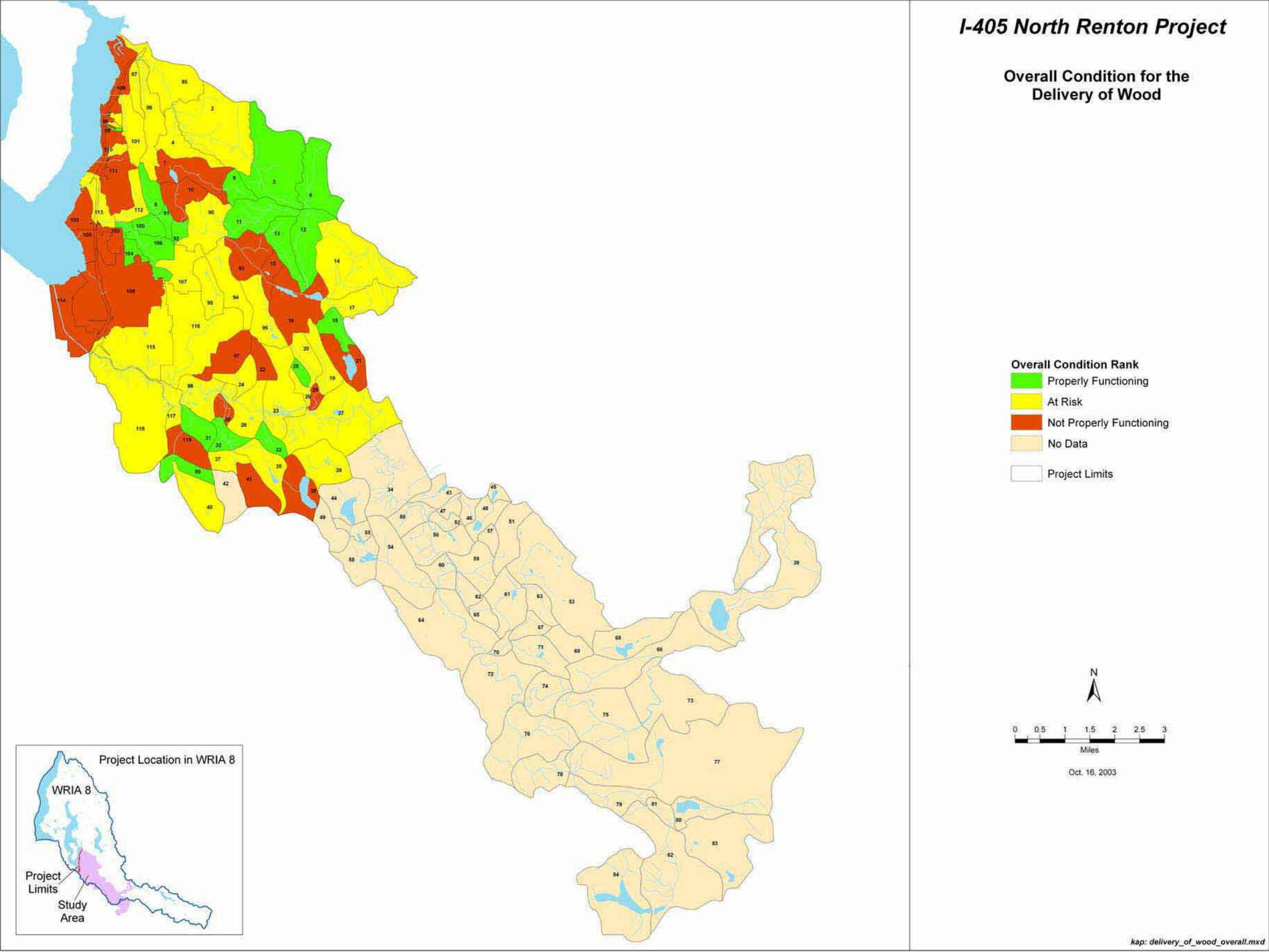


Figure 14 : Delivery Of Large Woody Debris Under Current Land Cover Conditions

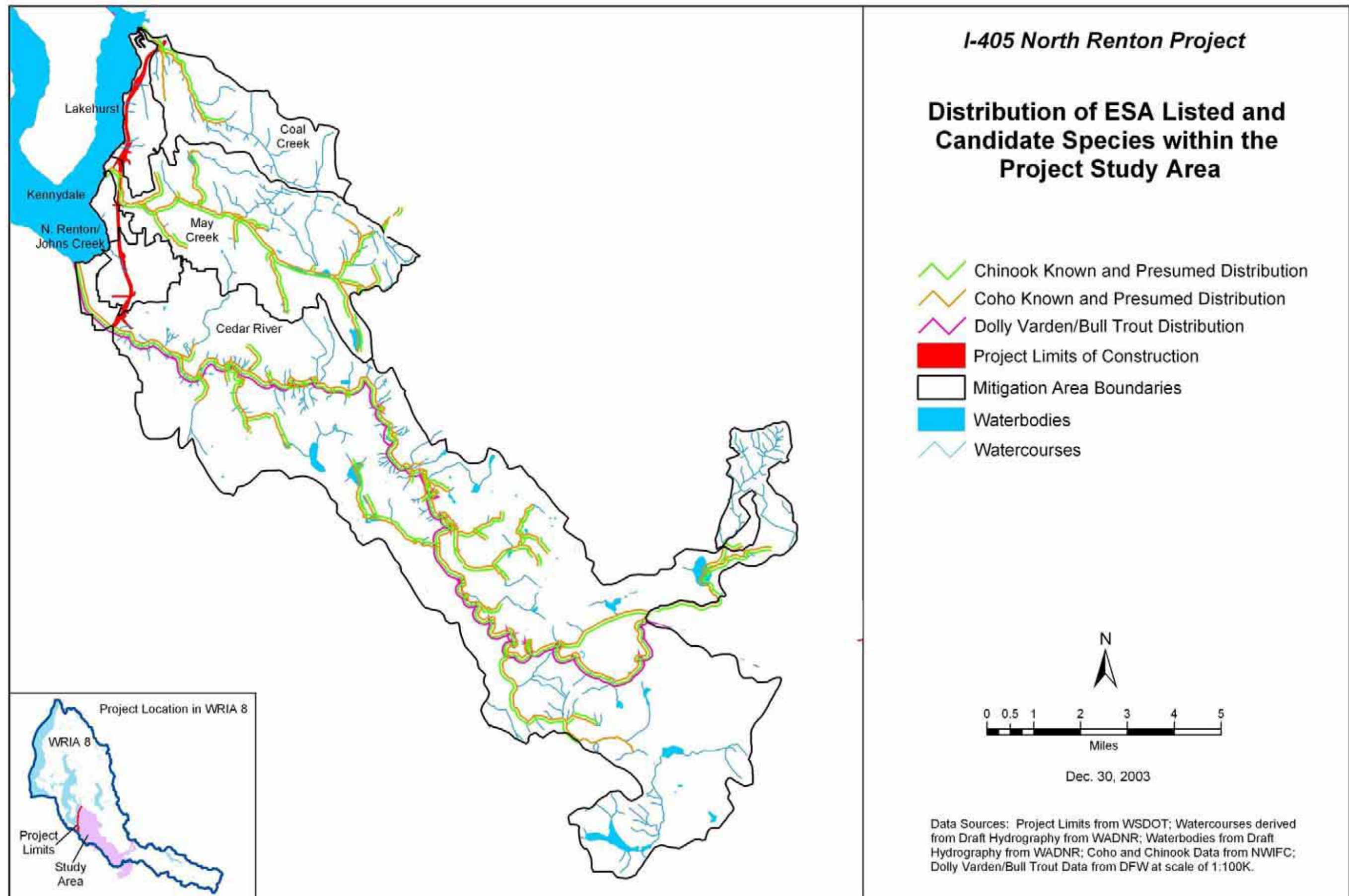


Figure 15: Distribution of Anadromous Fish Within The Study Area



DAI	Acres of Impacted Wetland
85	0.201
105	0.032
106	0.004
109	4.316
111	1.520
113	1.252
<b>Total =</b>	<b>7.326</b>

Project Location in WRIA 8

WRIA 8

Project Limits

Study Area

DAU	Acres of Impacted Wetland
85	0.201
105	0.032
108	0.004
109	4.316
111	1.520
113	1.252
<b>Total =</b>	<b>7.326</b>

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**Washington State  
Department of Transportation**

Watercourses  
Impacted Wetland  
Potential Wetland Restoration  
Project Limits

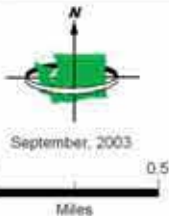


Figure 16: Wetlands in the Project Area

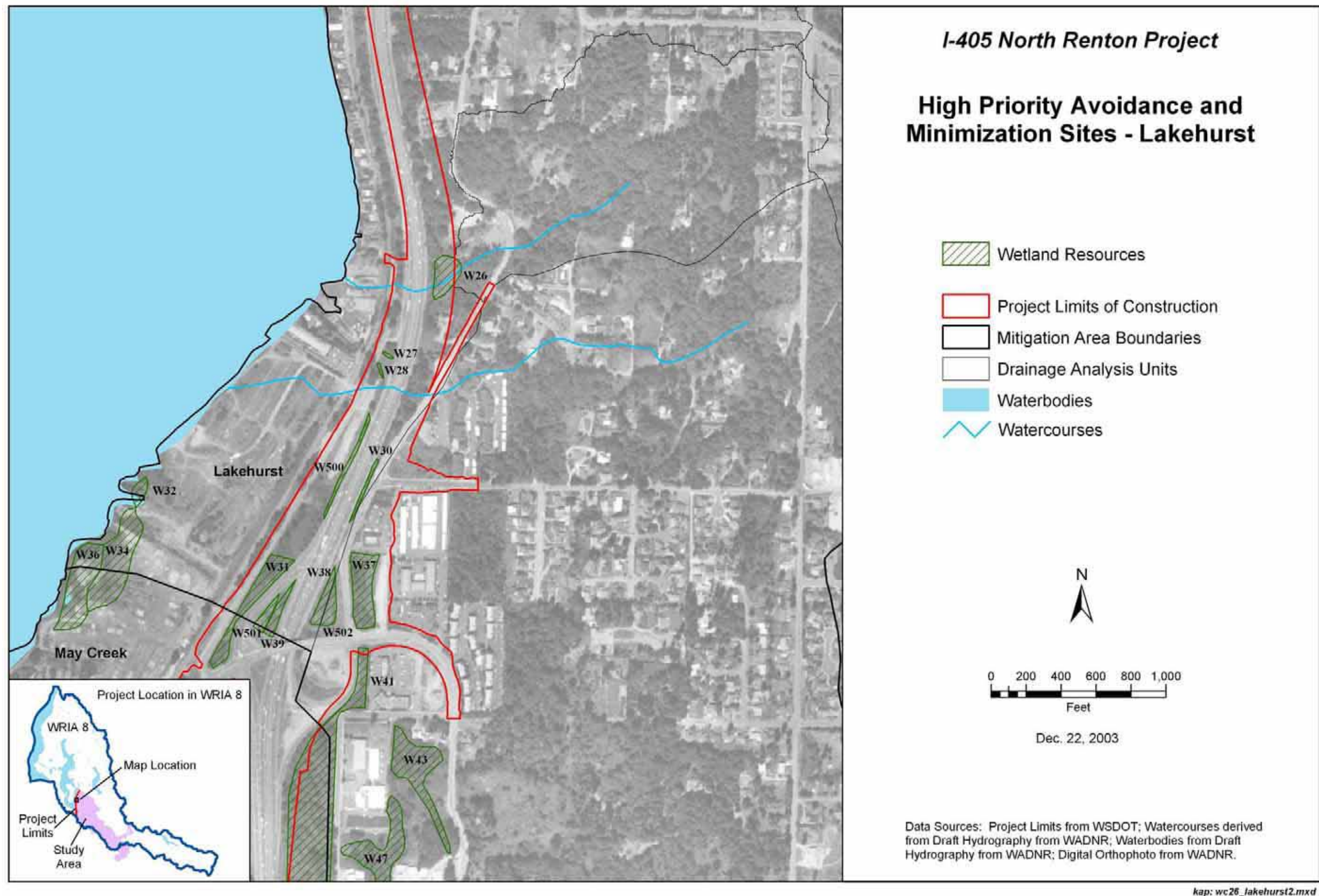


Figure 17 High Priority Avoidance and Minimization Sites: Lakehurst



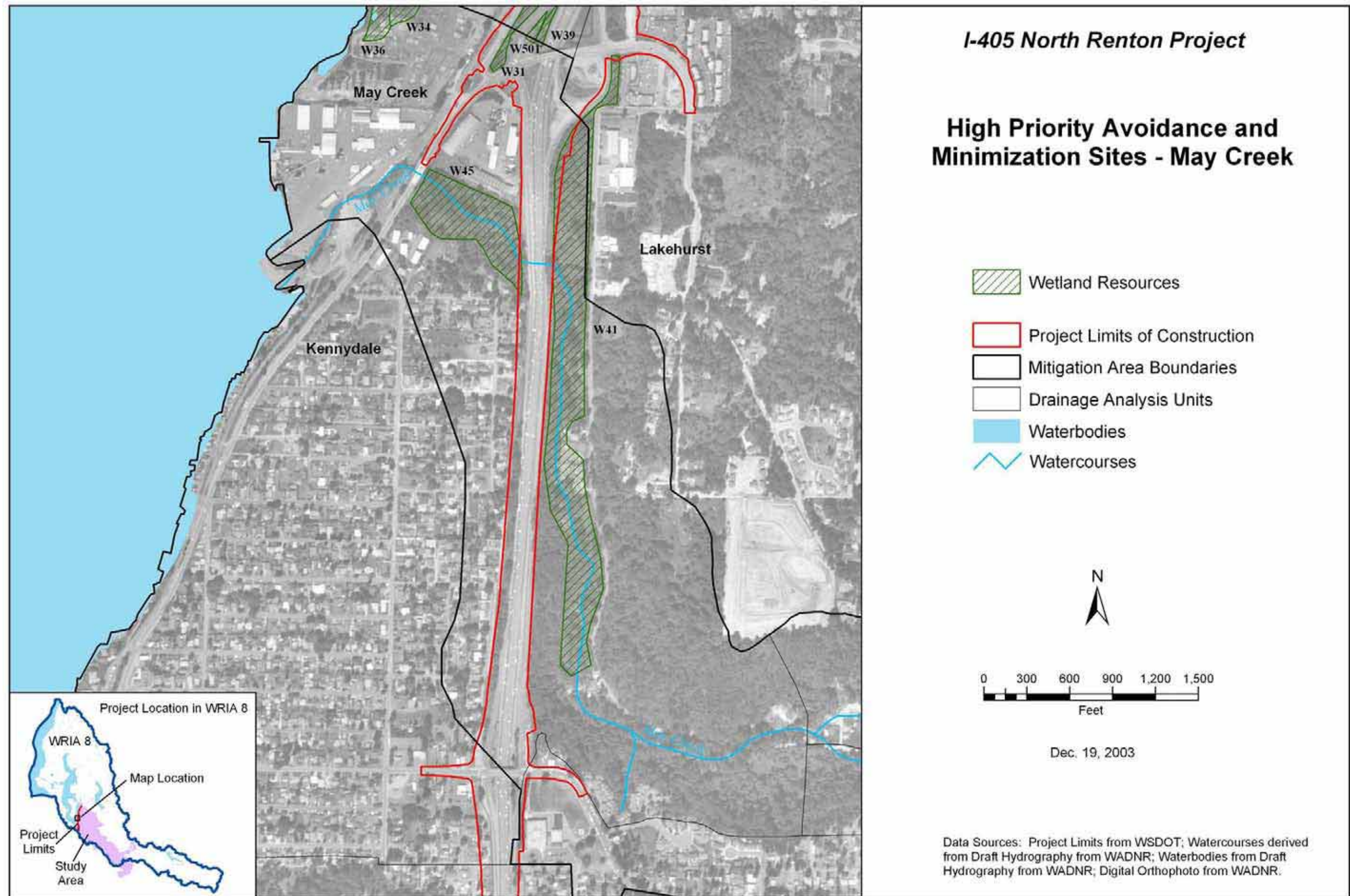


Figure 18: High Priority Avoidance and Minimization Sites: May Creek



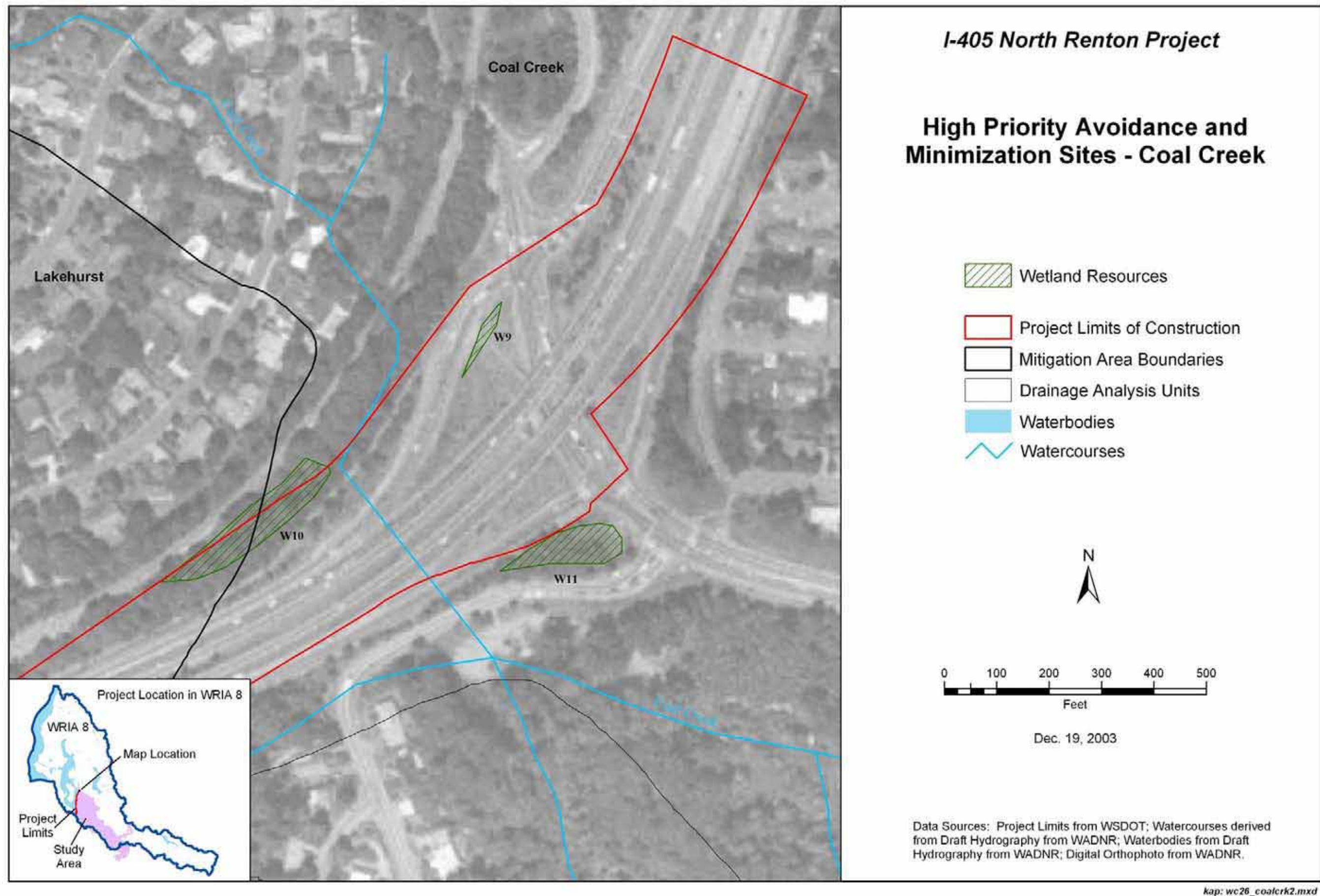


Figure 19: High Priority Avoidance and Minimization Sites: Coal Creek



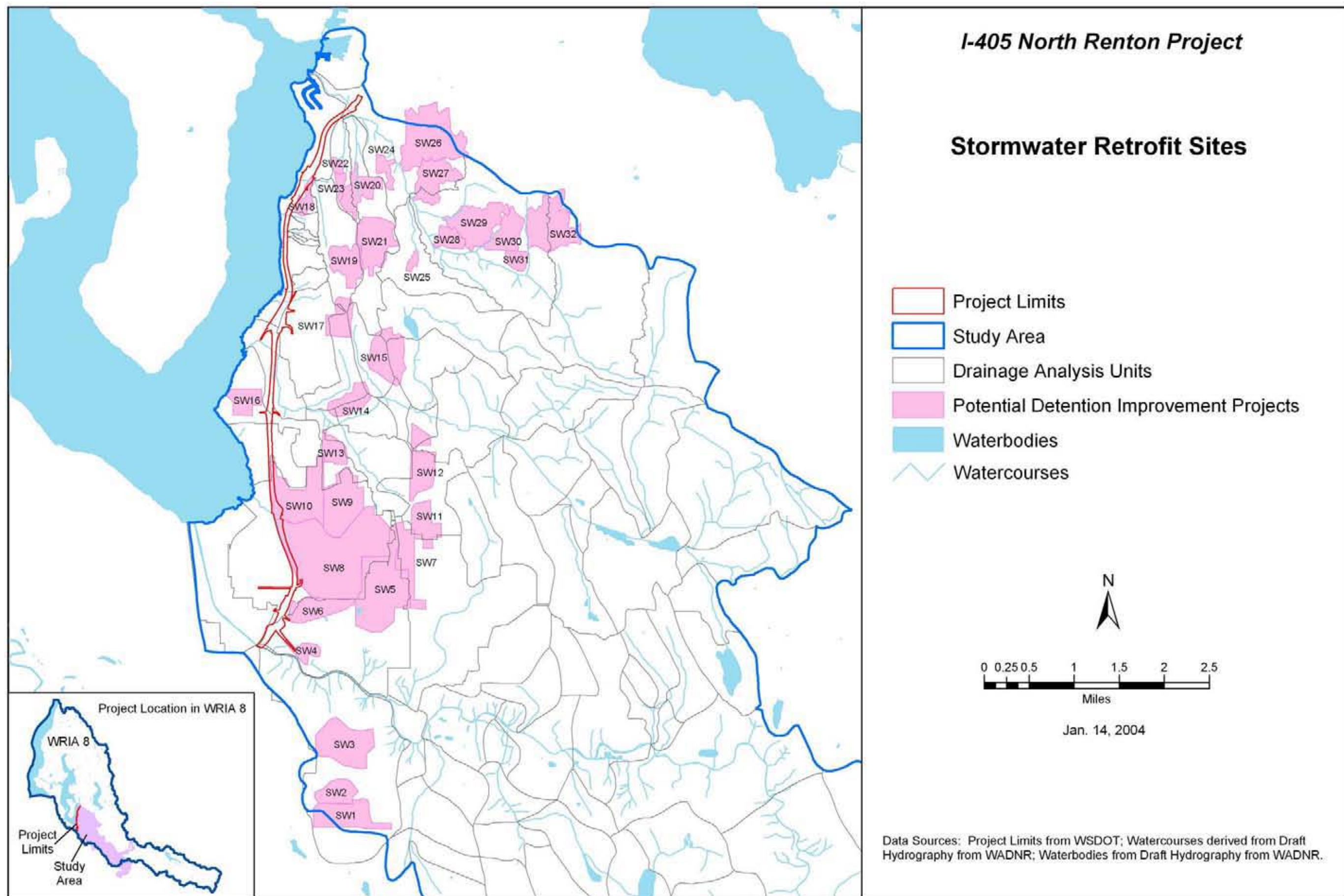


Figure 20: Map of Stormwater Retrofit Sites



# I-405 North Renton Project

## Priority Candidate Stormwater Mitigation Sites - Cedar River

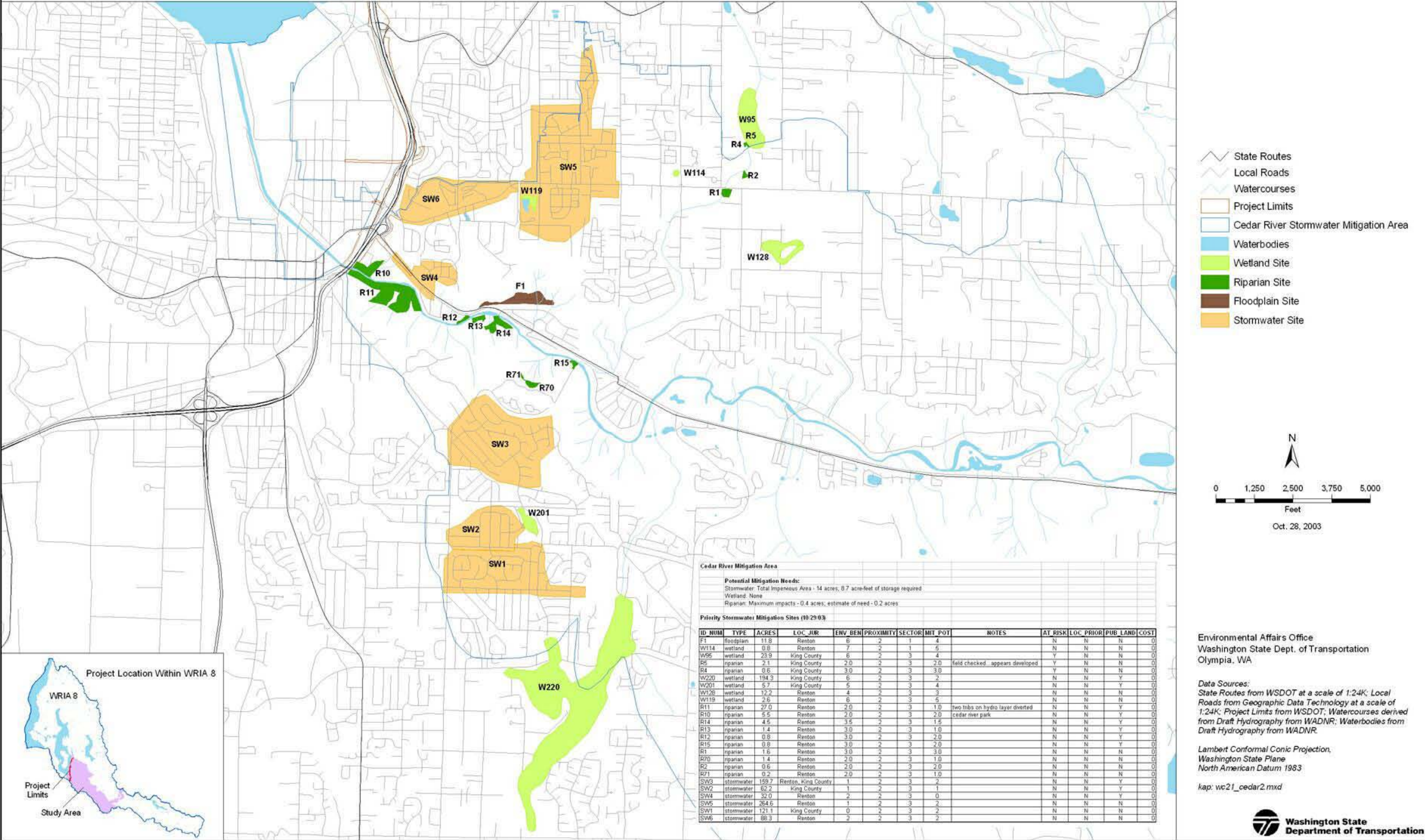


Figure 21: Map of Stormwater Mitigation Sites in Cedar River



# I-405 North Renton Project

## Priority Candidate Stormwater Mitigation Sites - North Renton

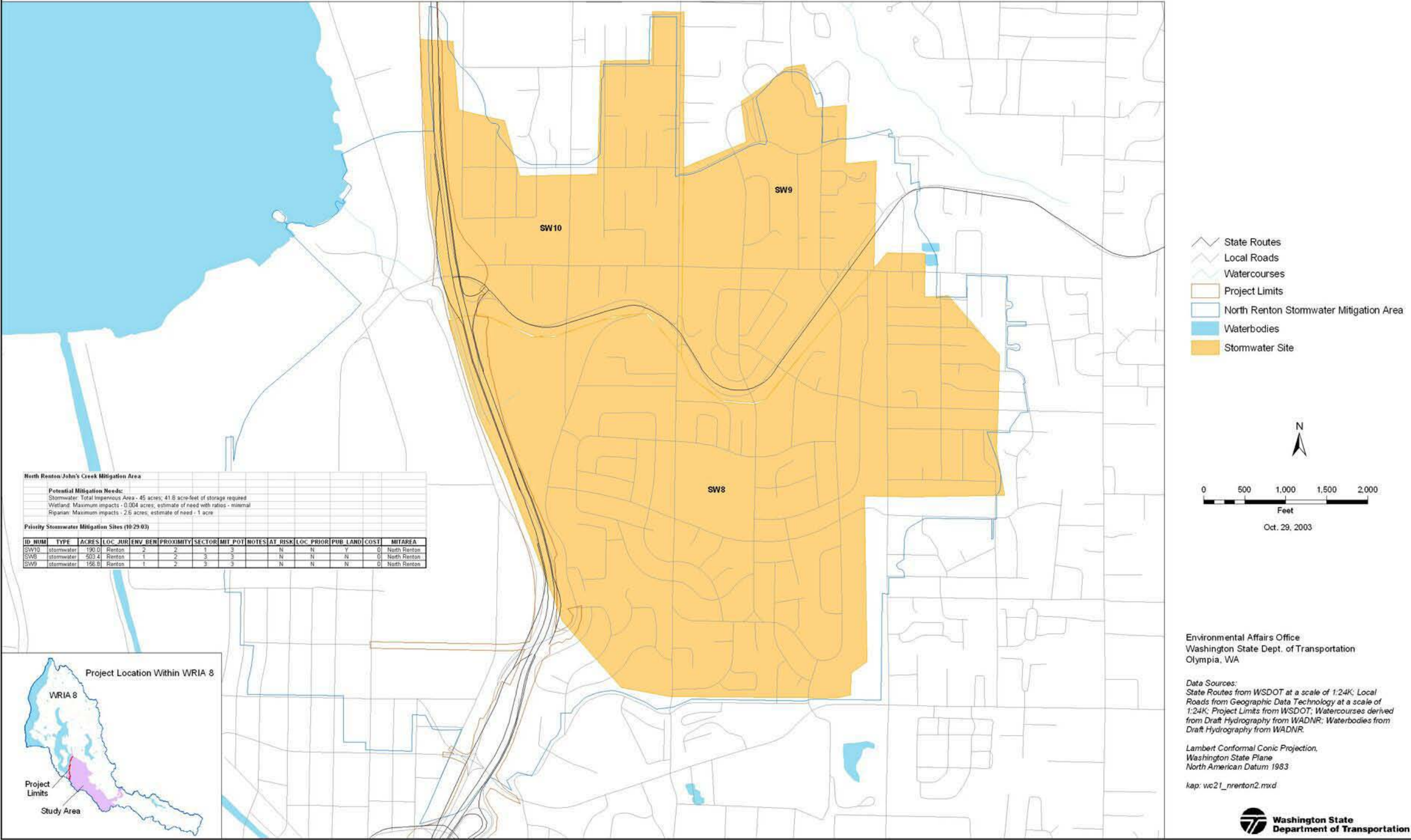


Figure 22 :M ap of Storm w aterM itigation Sites in Johns C reek /N orth Renton



I-405 North Renton Project  
Priority Candidate Stormwater Mitigation Sites - May Creek

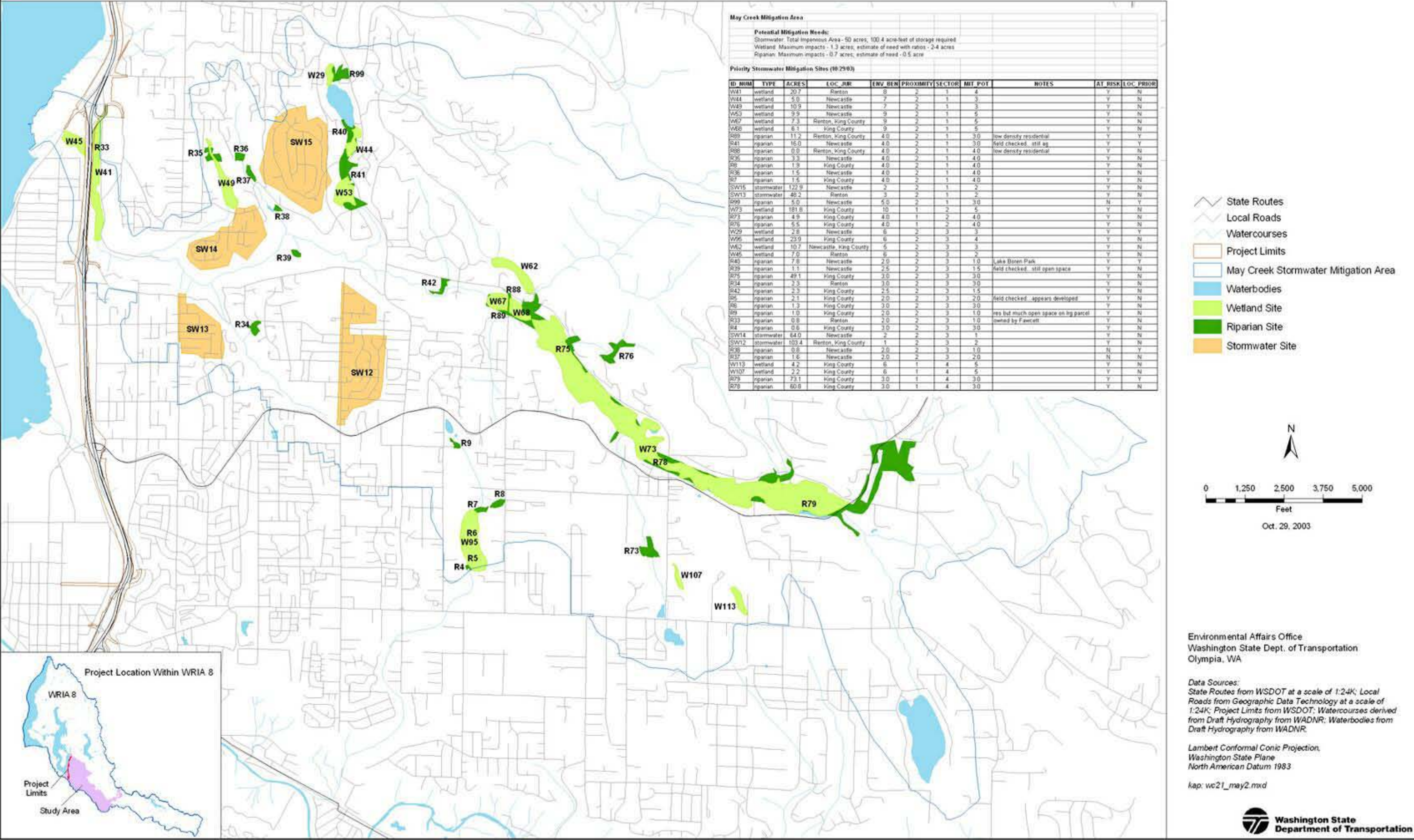
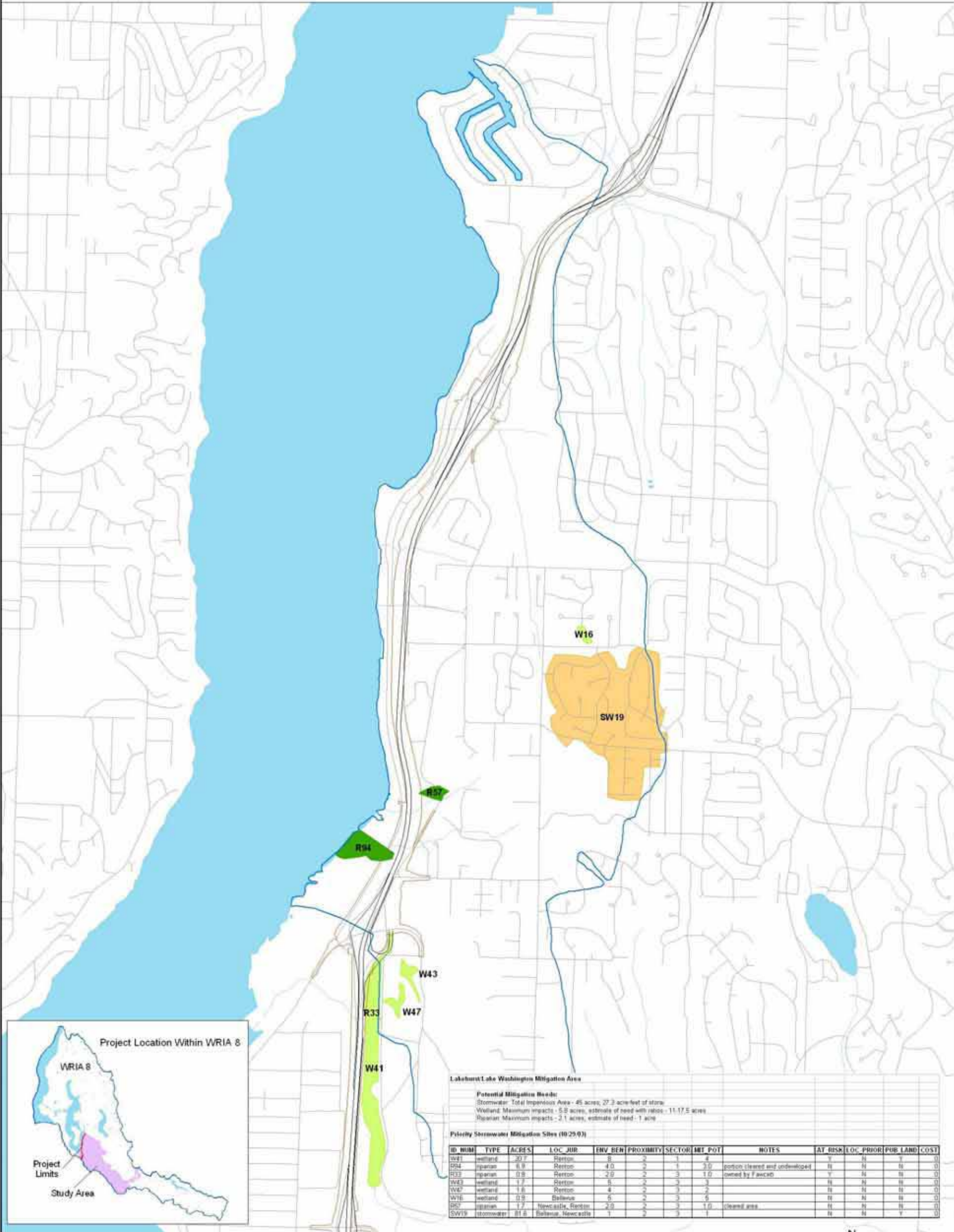


Figure 23 : Map of Stormwater Mitigation Sites in May Creek



# I-405 North Renton Project

## Priority Candidate Stormwater Mitigation Sites - Lakehurst



Environmental Affairs Office  
Washington State Dept. of Transportation  
Olympia, WA

Data Sources:  
State Routes from WSDOT at a scale of 1:24K; Local  
Roads from Geographic Data Technology at a scale of  
1:24K; Project Limits from WSDOT; Watercourses derived  
from Draft Hydrography from WADNR; Waterbodies from  
Draft Hydrography from WADNR.

Lambert Conformal Conic Projection,  
Washington State Plane  
North American Datum 1983

ksp: vic21\_lakehurst2.mxd

- State Routes
- Local Roads
- Watercourses
- Project Limits
- Lakehurst Stormwater Mitigation Area
- Waterbodies
- Wetland Site
- Riparian Site
- Stormwater Site

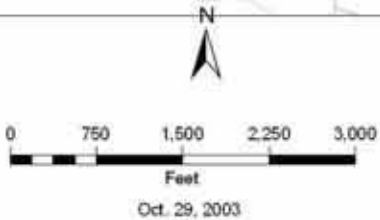


Figure 24 :M ap of Storm w aterM itigation Sites in Lakehurst



# I-405 North Renton Project

## Priority Candidate Stormwater Mitigation Sites - Coal Creek

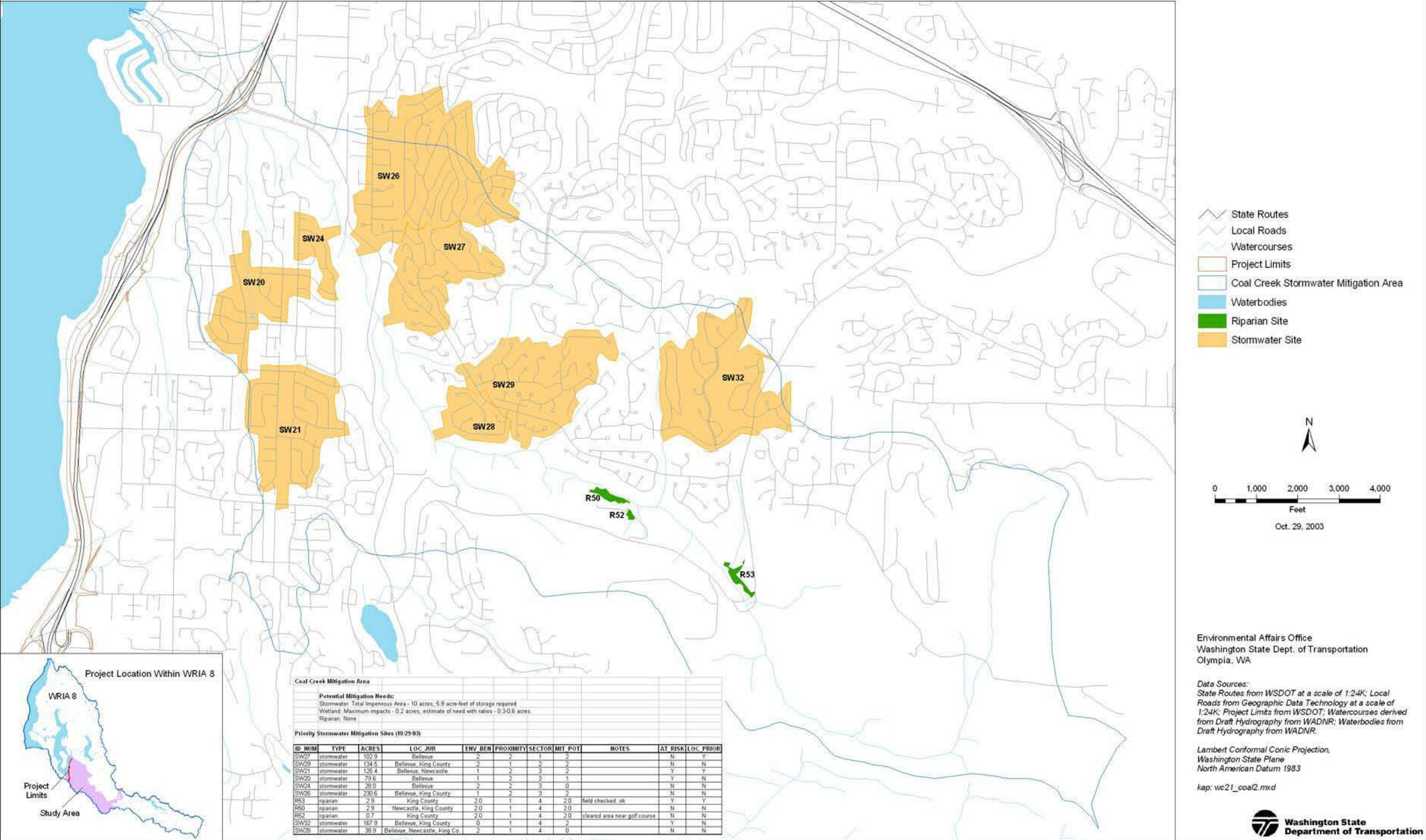


Figure 25: Map of Stormwater Mitigation Sites in Coal Creek



# I-405 North Renton Project

## Priority Candidate Stormwater Mitigation Sites - Kennydale

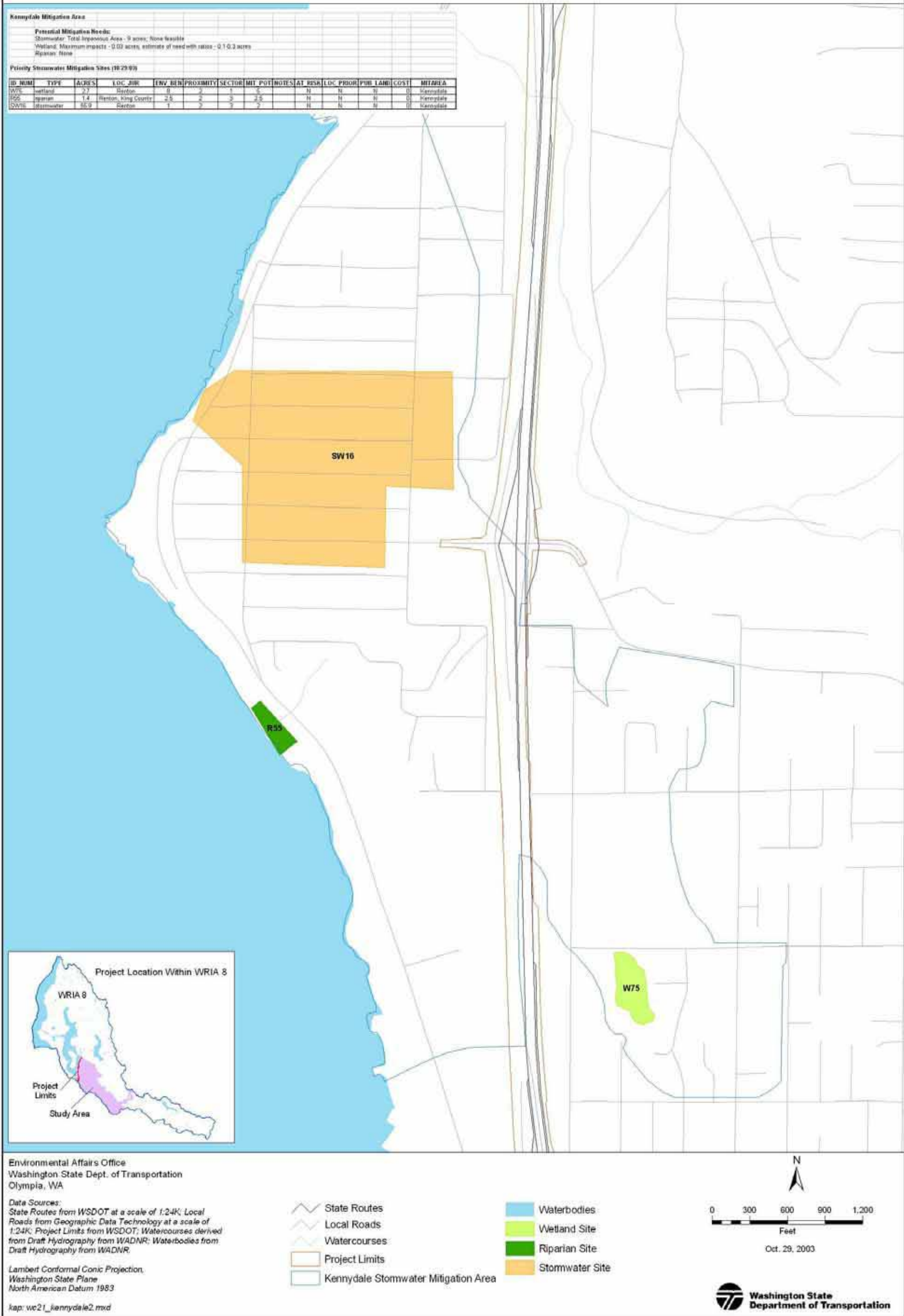


Figure 26 :M ap of Storm w aterM itigation Sites in K ennydale



# I-405 North Renton Project Priority Candidate Natural Resource Mitigation Sites - Cedar River

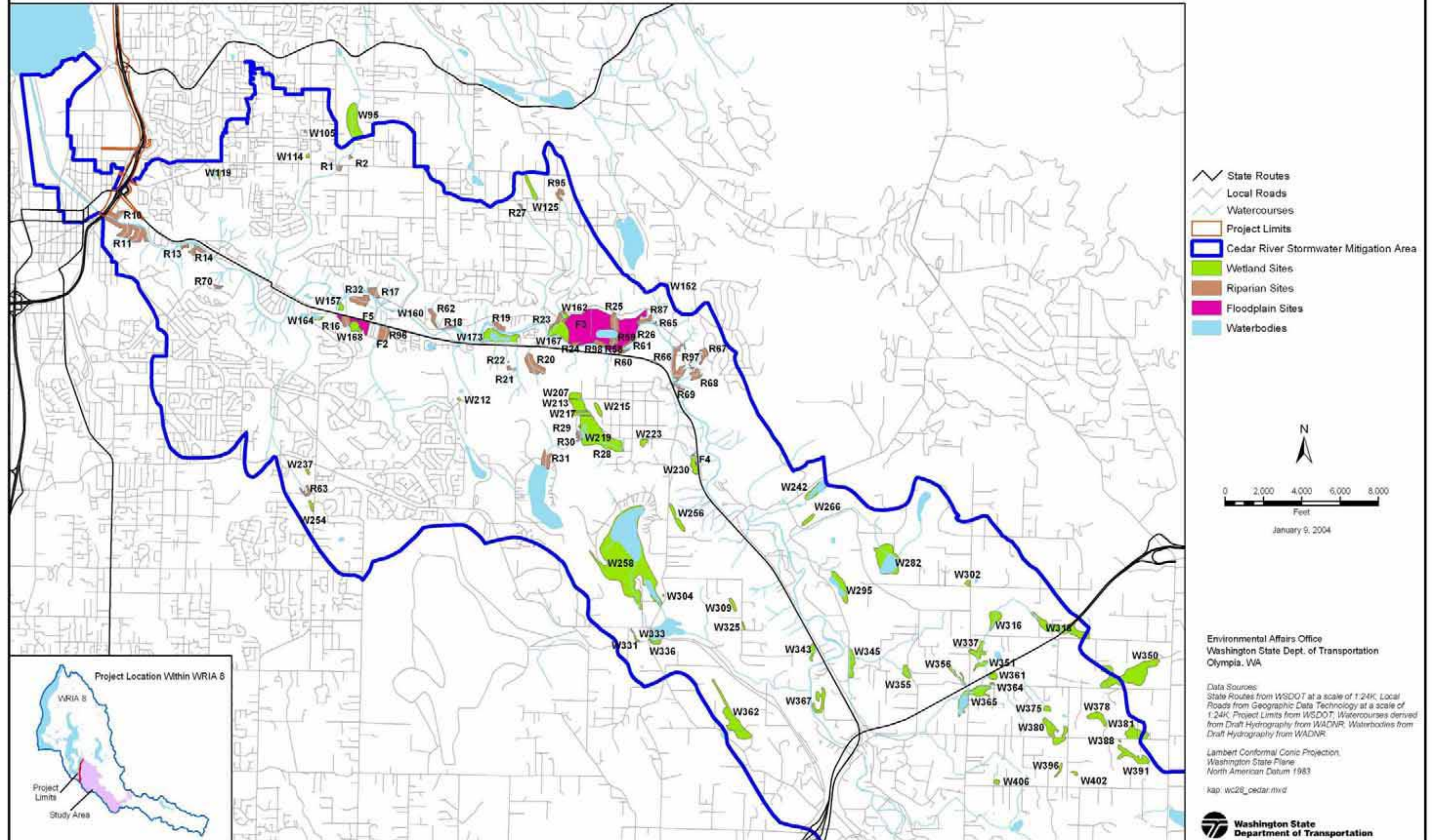


Figure 27: Map of Natural Resource Mitigation Sites in Cedar River



# I-405 North Renton Project Priority Candidate Natural Resource Mitigation Sites - May Creek

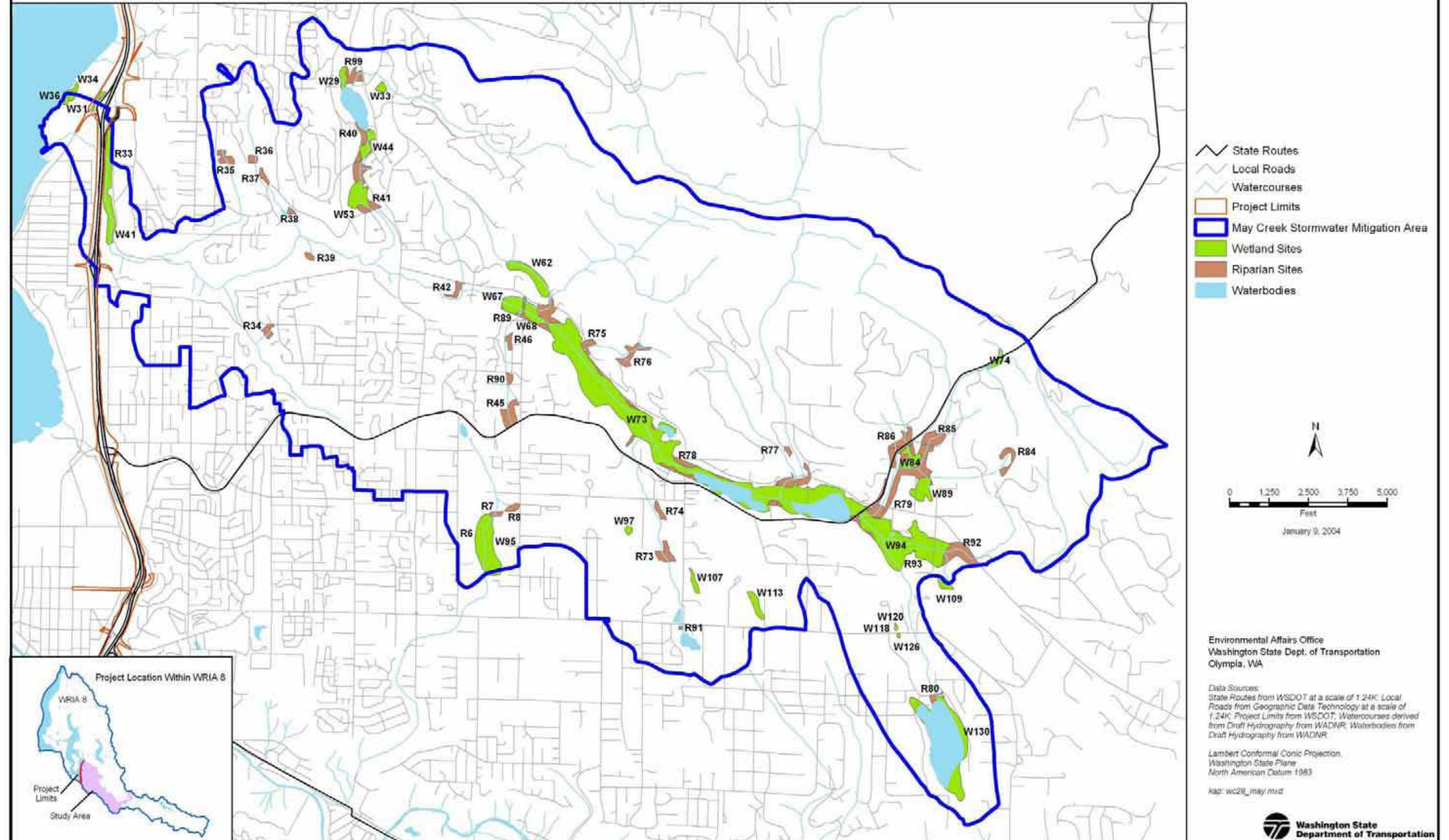


Figure 28: Map of Natural Resource Mitigation Sites in May Creek



# I-405 North Renton Project

## Priority Candidate Natural Resource Mitigation Sites - Lakehurst

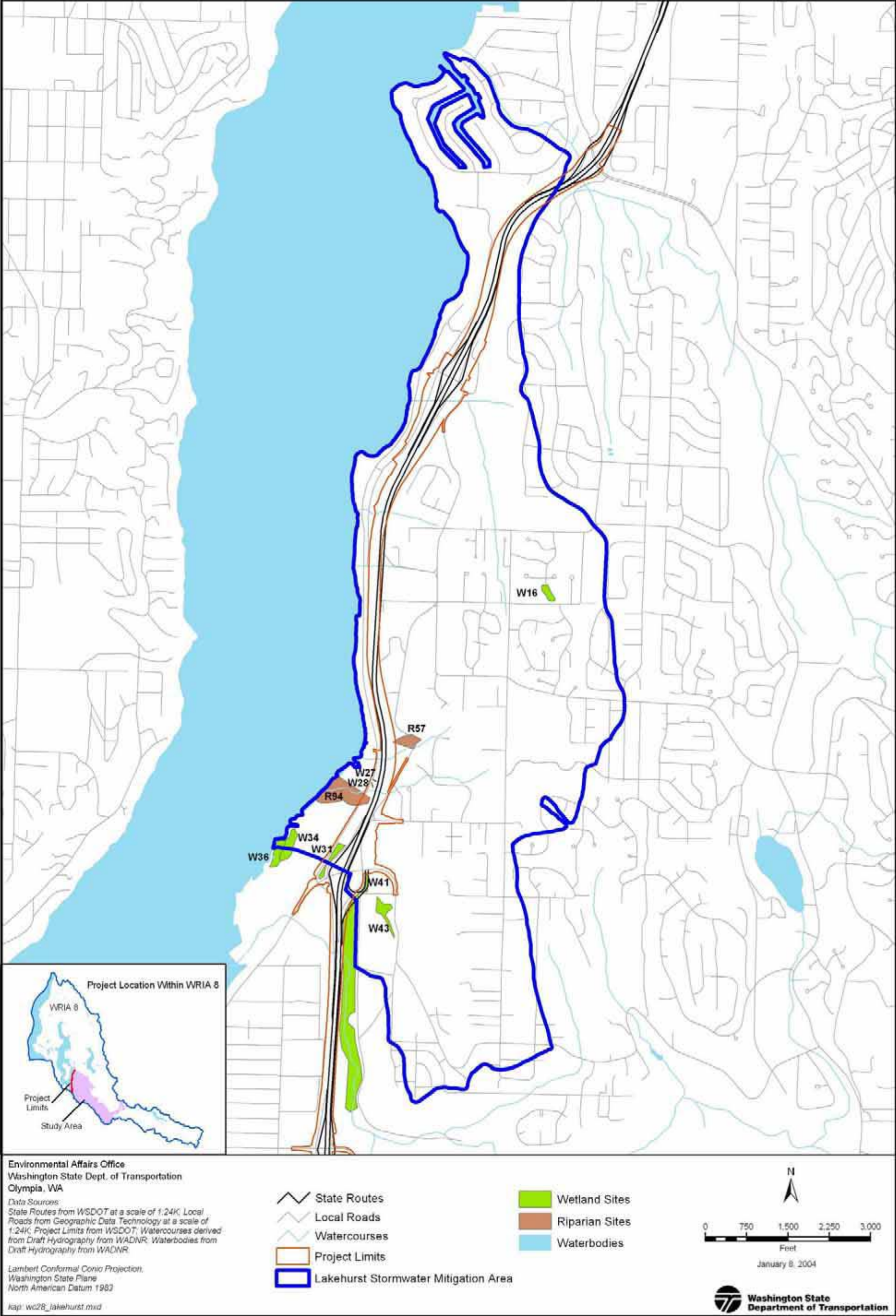


Figure 29: Map of Natural Resource Mitigation Sites in Lakehurst



# I-405 North Renton Project Priority Candidate Natural Resource Mitigation Sites - Coal Creek

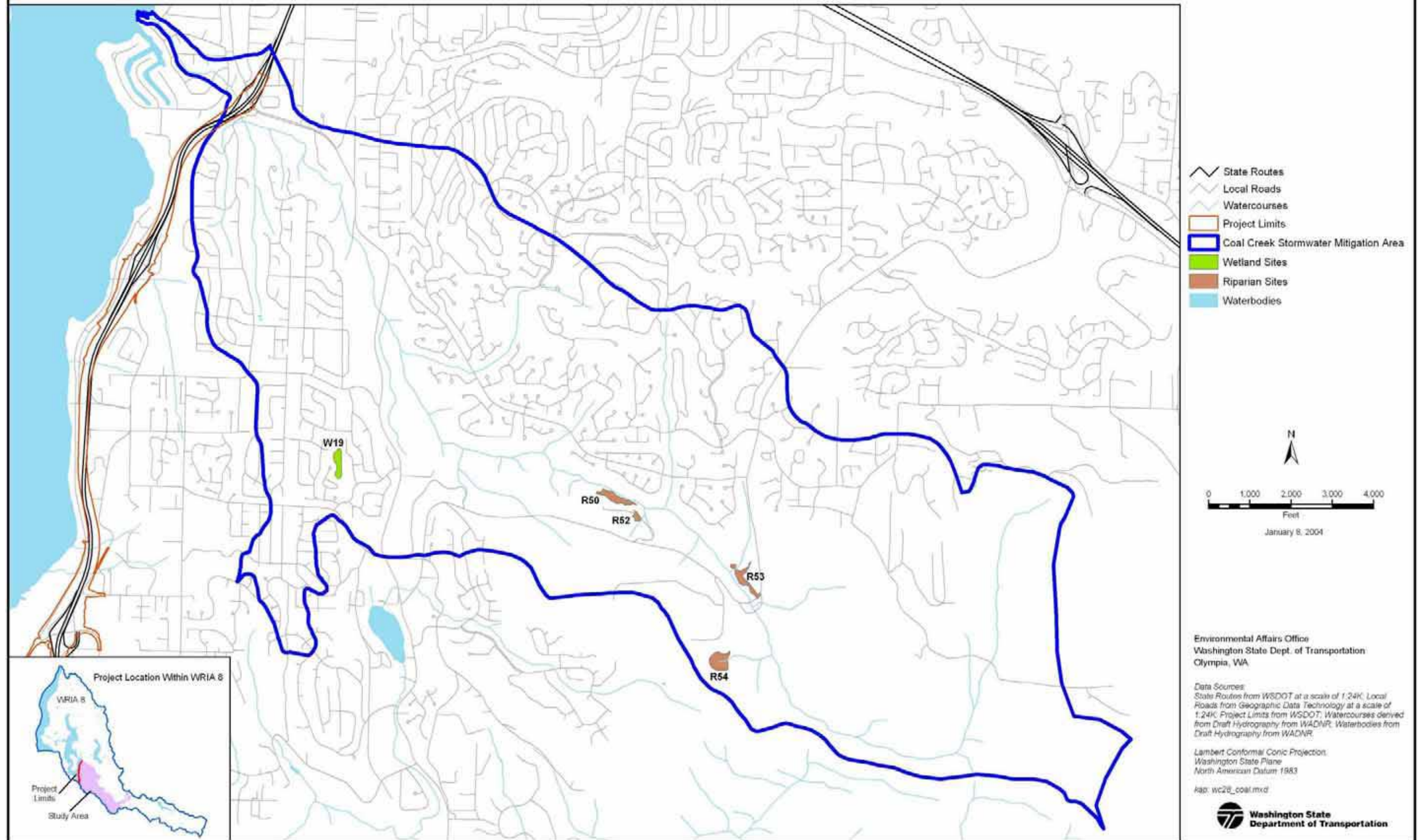


Figure 30: Map of Natural Resource Mitigation Sites in Coal Creek



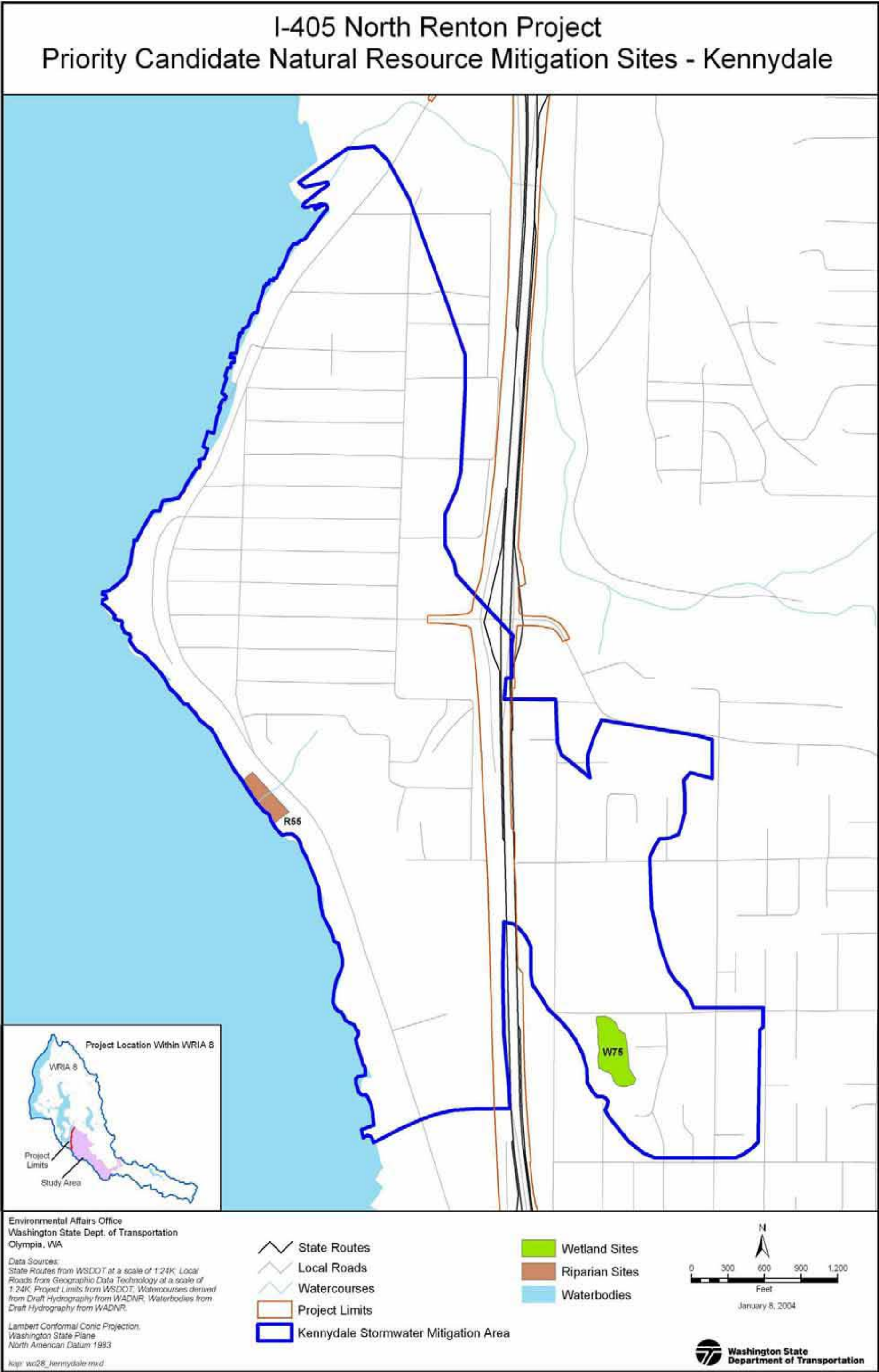


Figure 31: Map of Natural Resource Mitigation Sites in Kennydale